

Hello,

I'm Matt Wolf and I am the
Owner and Creative Director
of Wyndetryst. After working
as an in-house graphic
designer for 8 years,
designing hundreds of
publications annually, it was
time for me to take the leap
and start my own studio.

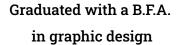


I started my love for graphic design at an early age...and the future was *clearly bright!*

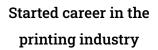




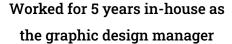
















Started Wyndetryst

wyndetryst

Wyndetryst Quick Facts

Located in Philadelphia, Pennsylvania Founded in 2010

Expanding brands through graphic design, web design & presentation design Over 3,000 projects in 14 years

Part 1

Accessibility Overview

What is Accessibility

Accessibility

"Accessibility" is the practice of making your content usable by as many people as possible.



WCAG

WCAG (Web Content Accessibility Guidelines) is detailed list of guidelines that define what can be considered accessible.

Why Make Web Sites Accessible?

- Required by law for federal sites
- Increasing lawsuits surrounding accessibility (or lack thereof)
 - Americans with Disabilities (1973) most cited law in web accessibility compliance access of a "technical standard" does not mean sites do not have to be accessible WCAG provides reasonable accessibility.

• It's the right thing to do!

 According to the ADA, accessible websites or mobile apps do not "require people to see, hear, or use a standard mouse in order to access the information and services provided."



Web accessibility encompasses all disabilities*









* Applies to people without disabilities as well.



Cognitive

- Complex navigation mechanisms and page layouts that are difficult to understand and use.
- Complex sentences that are difficult to read and unusual words that are difficult to understand.
- Moving, blinking, or flickering content, and background audio that cannot be turned off.



Visual

- Images, controls, and other structural elements that do not have alternative text.
- Text, images, and page layouts that cannot be resized, or that lose information when resized.
- Text and images with insufficient contrast between foreground and background color combinations.



Auditory Disabilities

- Audio content, such as videos with voices and sounds, without captions or transcripts.
- Media players that do not display captions nor volume controls.
- Web-based services, including web applications, that rely on interaction using voice only.



Physical (Motor) Disabilities

- Websites, web browsers, and authoring tools that do not provide full keyboard support.
- Insufficient time limits to respond or to complete tasks, such as filling out online forms.

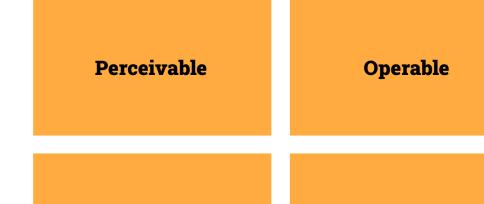


Speech Disabilities

- Web-based services, including web applications, that rely on interaction using voice only.
- Websites that offer phone numbers as the only way to communicate with the organizations.



4 Rules of Accessibility



Robust

Understandable

Perceivable

All users must be able to perceive your content. If there is audio or video content, you should provide text alternatives. If there is text content, you should provide audio alternatives or a way that assistive technology such as screen readers can consume it for the end-user.

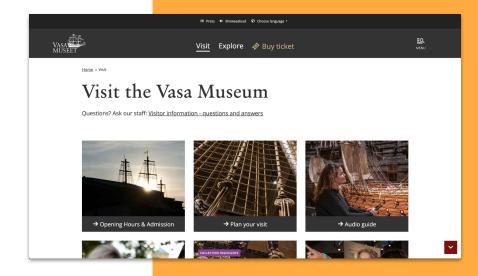
Ask yourself: Is there anything on my site that a deaf, colorblind, low vision or blind user would not be able to perceive?



Operable

All users must be able to operate your site. Most users with disabilities use a keyboard to surf the web using character key shortcuts along the way to navigate, interact with, and access content. Your site should be forgiving to your users if they make a mistake, offering ways to retract, correct, and confirm information.

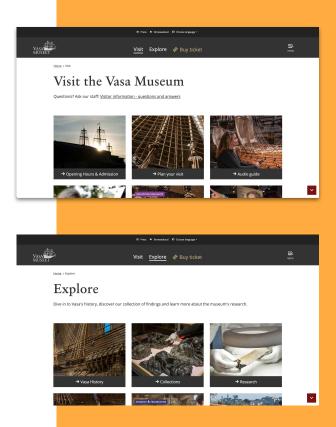
Ask yourself: Can my site be navigated and operated solely through a keyboard? Do users have control of interactive elements on my site? Are tasks on my site able to be easily and successfully completed?



Understandable

Screen orientation, consistent layout, gesture customization, element placement and indication. Actionable elements must be clearly indicated.

Ask yourself: Is there anything on my site that a user would not be able to understand how to operate?



Robust

Keyboard functions should match the operation, zoom, captions and larger fonts must be offered.

Ask yourself: Is our site developed with best practices in mind? Can our site or application support a variety of devices and browsers? Is the code to our site clean?







Part 2

Setting Your Accessibility Goal

Choose your

WCAG Level

Level A

Level AA

Level AAA

WCAG Level A

Covers the Minimum Requirements

Goal: The site is usable by people with disabilities, but still may have significant limitations.

- Covers the most basic accessibility features.
- Focuses on removing critical barriers
 (e.g., providing text alternatives for images, ensuring keyboard access).

Everyone should at least meet this level.



Goal: The site is usable and understandable by most users.

- Builds on Level A with stronger usability and visual design rules.
- Addresses color contrast, visible focus, error identification, adaptable layouts, and consistent navigation.

This is the level most organizations—and all U.S. laws and global standards—expect.

WCAG Level AAA

Enhanced Accessibility

Goal: To provide an exceptionally inclusive experience when feasible.

- The highest standard; includes advanced features like sign language interpretation, extended audio descriptions, and stricter contrast ratios.
- Often not practical for every type of content or budget.

Everyone should at least meet this level.

Kiosks and Touchscreens

Digital Signage and Wayfinding

REMEMBER...

This isn't just about websites

ATMs and Payment Terminals

Ticketing and Check-In Systems

Smart Devices and Appliances Exhibit and Installation Interfaces

Part 3

Tips for Creating an Accessible Website

Use Alternative Text

- The alt attribute is the HTML attribute used in HTML to specify alternative text (alt text) that is to be rendered when the element to which it is applied cannot be rendered.
- The alt attribute is used by "screen reader" software so that a person who is listening to the content of a webpage (for instance, a person who is blind) can interact with this element.



Alt=Worker loading packages into a truck for Beverly Diner, Telephone 852-212-2500



Alt=Smiling student with a backpack and laptop walking in an academic building

What to consider when choosing ALT content

What is the purpose of the image?

What the image wants to communicate?

What is the subject or focus of the image?

What is the tone of the image?

Describe the image in context

Keep the descriptions concise, roughly 140 characters

Tips for writing ALT content

Do not use the word "graphic or image"

Ask from help from the client

If pronouns, race, age, etc. is important and relevant use it. Avoid images with too much text, they should be live copy

What could an "ALT" be for this image?



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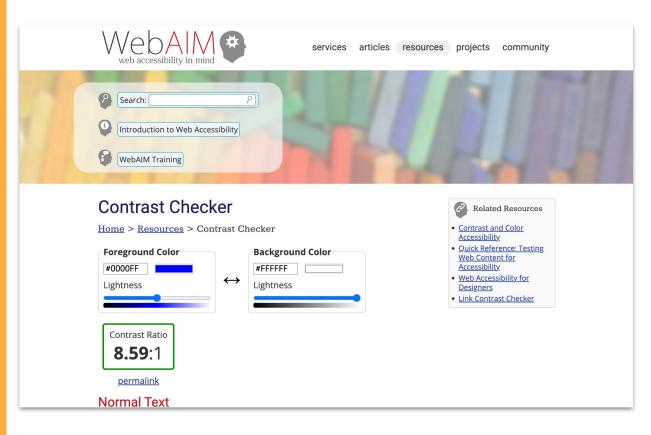
What could an "ALT" be for this image?





Color and Contrast

- Color contrast: refers to the difference in light between font (or anything in the foreground) and its background.
- The strict rules for color and contrast are:
 - Contrast must be 4,5:1 for any image, image of text, text or icon except for LOGO.
 - Contrast for large text and focus boxes the contrast must be 3:1



https://webaim.org/resources/contrastchecker/

Captioning & Transcripts

Important steps to make audio visual content accessible:

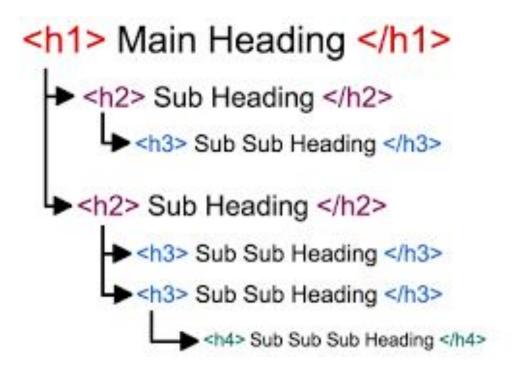
- Communicate in more than one way.
- Give options for volume, captions size and color, languages.
- For the deaf or hard of hearing, provide transcripts for audio content and synchronized captions for video content.
- For the visually impaired, provide video description for any visual-only video.
- The media player must also be accessible.



Select Language	Belarusian	Croatian	French	Hebrew	Javanese	Lao	Malayalam	Oromo	Scots Gaelic	Sundanese	Turkmen	Zulu
Afrikaans	Bengali	Czech	Frisian	Hindi	Kannada	Latin	Maltese	Pashto	Sepedi	Swahili	Twi	
Albanian	Bhojpuri	Danish	Galician	Hmong	Kazakh	Latvian	Maori	Persian	Serbian	Swedish	Ukrainian	
mharic	Bosnian	Dhivehi	Georgian	Hungarian	Khmer	Lingala	Marathi	Polish	Sesotho	Tajik	Urdu	- 1
rabic	Bulgarian	Dogri	German	Icelandic	Kinyarwanda	Lithuanian	Meiteilon (Manipuri)	Portuguese	Shona	Tamil	Uyghur	- 1
Armenian	Catalan	Dutch	Greek	Igbo	Konkani	Luganda	Mizo	Punjabi	Sindhi	Tatar	Uzbek	
Assamese	Cebuano	Esperanto	Guarani	llocano	Korean	Luxembourgish	Mongolian	Quechua	Sinhala	Telugu	Vietnamese	
ymara	Chichewa	Estonian	Gujarati	Indonesian	Krio	Macedonian	Myanmar (Burmese)	Romanian	Slovak	Thai	Welsh	
zerbaijani	Chinese (Simplified)	Ewe	Haitian Creole	Irish	Kurdish (Kurmanji)	Maithili	Nepali	Russian	Slovenian	Tigrinya	Xhosa	
Bambara	Chinese (Traditional)	Filipino	Hausa	Italian	Kurdish (Sorani)	Malagasy	Norwegian	Samoan	Somali	Tsonga	Yiddish	
Basque	Corsican	Finnish	Hawaiian	Japanese	Kyrgyz	Malay	Odia (Oriya)	Sanskrit	Spanish	Turkish	Yoruba	
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Headings and Content Structure

- Headings: Add and nest them logically to label sections, remember they work like titles and subtitles, there can only be one main title (H1) per page. Headings should be created through hierarchy.
- Content Structure: Mark up content that uses appropriate and meaningful elements, links and buttons should be marked as such as well as tables, this will help anyone navigating with a screen reader using keyboard shortcuts.



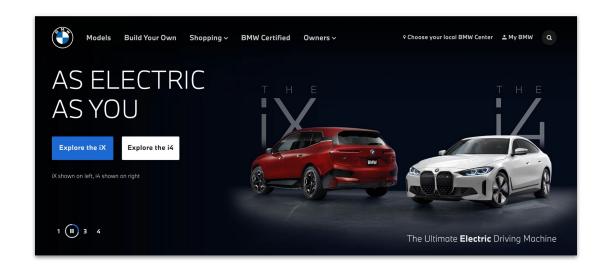
Provide Meaningful Links

- Give your links unique and descriptive names.
- Use text that properly describes WHERE the link will go.
- The most unique content of the link should be presented first.
- For example
 - if you are pointing visitors to a page called "About Us": Try not to say: "Click here to read about our company." Instead, say: "To learn more about our company, read About Us."
- When impossible use alt text



Moving, Flashing, Blinking Content

- Make sure timers can be adjustable or include the possibility of turning them off completely.
- Note that content that blinks more than three times a second can cause seizures for people with photosensitive disorders.
- Avoid fast high contrast changes these may trigger seizures.



1 Decide the WCAG compliance level

Perform an
automated audit
with a tool like
"Google Lighthouse"

How to Test Accessibility

Perform a manual audit with an accessibility expert

Remediate/fix the issues found in the audit

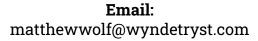
sure everything was fixed and no new issues have popped up

Test again to make

Compliance is reached when all steps are complete

As always the goal is to design with accessibility in mind from the start.







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