

Design

The intended structure of the overall website was made based on slight self preferences. Using the guidelines, there is a navigation bar and footer that spans across every HTML page. The main content area can be offset using the CSS “width:” function which allows for there to be a large gap on the left and right sides. The reasoning for this is because I intended to have created my original background image which will act as an initial theme throughout the color scheme of the website. I want the background to consist of leaves from a tree, and with the whitespace, I will use GIMP to make it a very dark gray color, which is typically how I like to make background images, as bright colors may strain a person’s eyes way easier. This is also a problem I deal with. The overall theme of the website will revolve around a dark theme with some bright colors to overall give a modern aesthetic atmosphere. With a background image containing a generally recognized pattern, I preferred to space out certain blocks of text and functions as the background image effectively “separates” them without the use of a dividing line. With each block of information being noticeably separated, the user can digest the information a bit easier without losing track of where they are looking throughout the page. Each block of information will appear different from the others which makes them much easier to discern from others.

Color

The main colors used are dark gray and some different shades of orange. I paired these colors because I intended a dark modern/simplistic design where a dark color, usually being dark gray (but not black) is combined with a color that has neon elements in it. Colors such as neon orange and green stand out very nicely in dark colors, but only in small proportions as they can easily become overwhelming. I only used regular orange since it was going to be used a bit more abundantly, which can be used for outlining special text and buttons. It also gives the reason for having my background image of leaves. To complement the use of orange, I used leaves as they can be easily associated with the autumn/fall season. It becomes a lot easier to imagine an alternative background color of the leaves if they were orange however, they would ruin the original intention of using an overwhelming amount of orange proportions in a dark design and to avoid eye strain. For the rest of the web pages, dark gray is otherwise used in different shades to separate certain website content from just the background image. All relevant content is in a brighter gray, compared to the darker background image, which also looks like the content is “in front of” the background image.

C.R.A.P.

Contrast:

I am confident the overall design follows the idea of contrast as you can easily discern different areas of information throughout the code. With a dark gray color used as a base, the small portions of orange colors being used easily show what content “the user should be looking at”, or otherwise content of most significance than the other white text. Bright and Dark colors are easy to tell between, which was implemented throughout this website.

Repetition:

The navigation bar and Footer were shown throughout every page and (should) link to the same HTML files. Content is generally split up in blocks so that information is being digested easily, and not in a giant box you can easily be lost in. Take note in the 3rd image of the PDF (the POST webpage) where every post is spaced out rather than in one singular content box. The intention behind that page is that there can be a large number of posts being made, so it would display in separate “containers” rather than in one huge one.

I plan on using orange on the following type of content:

- The quote being changed (because it is constantly changing, so the user should take note of it).
- Outlines of the image (PDF had black outlines), since it will be changing all the time, so it is a detail worth highlighting.
- Links to other websites or webpages in the form of shortened text using the HTML “a href” attribute. Instead of using the standard blue color for weblinks, I will only use orange to maintain consistency.
- All buttons and calculator operation buttons have orange to imply a usage/functionality.
- Used when referencing the user names in the POSTS web page. If the user remembers entering information, such as their name, they should take notice that the information is carried through webpages.

Alignment:

Centered elements are placed where they need to be. A navigation bar is typically uncentered and usually starts from the left side (especially after a company logo or something else). This webpage follows that trend as we humans (in this culture) read from left-to-right.

Centered elements are mainly used when it looks the most fashionably. Titles, small text (including important text) and buttons are all centered. Information that is large such as paragraphs do not need to be centered, but can optionally have a centered title for formality. In other words, large content does not need all center-alignment, while smaller content should usually have center-alignment. Posts made by users are not centered as they generally do not follow a centered trend and are always long posts meant to be read from left-to-right fashion.

Proximity:

All content is generally related and/or not related. The first web page is supposed to be served as a starting point for showing basic JavaScript functions. The way I intend to separate content is to have a function separated from its explanation. The quote code portion that performs a function is solely meant for performing that single task, which should be separated from its long explanation. In some exceptions where there is text directly below a function is to explain its functionality, or rather things to expect. Sometimes the Changing Pictures code might not load an actual image from Lorem Picsum, and the user might think the code is faulty, meanwhile, the text directly below should ensure them that is not the case. Additionally, there is a title for each content container.

The color scheme also plays a role in helping the reader determine which content is separate from the other. This is primarily done with different shades of gray.