

Lab 4b. Styling for Mobile: Media Queries

Learning Objectives:

- a. Understand media queries and how to use them to create responsive websites on any device.
- b. Understand the importance of responsive design.
- c. Further practice CSS styling attributes.

Introduction:

Because digital devices vary so much in size, we may need to re-prioritize the information we're giving to the user based on the available "real estate" space on the page. When designing a website, ask yourself: what are the most important portions of my page? What elements will my user interact with—are these elements large enough to be manipulated on any device?!

To create the best "browsing" experience for our user, this may require us to completely re-structure our site layout based off of what device the user is viewing it from.

Media queries allow us to do just that! Media queries allow us to selectively apply CSS rules to our website based on the dimension of the browser (aka viewport).

Part 2: Media Queries

Before you continue:

1. Read the w3schools [Responsive Web Design – Media Queries](#) page. Play around with the examples.
2. Watch the videos in the below folder:
\\Full Stack Web Development - Quarter 1\\Videos\\Udacity Videos\\Responsive\\3- Media Queries

Let's make our website change its styling based on the device it's viewed on...We will do this by creating two "breakpoints." By breakpoints, we mean we have two possible scenarios we are designing for: 1. the user is viewing on a desktop and 2. The user is viewing on a mobile device. (Often times you may include another "breakpoint" to style specifically for tablet-sized devices.)

***Note:** because we first created our website with a desktop sized screen in mind, we will now be creating custom CSS for our mobile site. However--in the future-- we will develop our mobile layout first, then design for it to scale for other device sizes. This development cycle is referred to as "mobile first design."

1. First, let's create a new stylesheet so that we can separate our two layouts: one for desktop and one for mobile devices.
 - a. Name this new stylesheet "under500.css" This should be saved in your CSS folder.
2. This sheet will now contain our styles that are specific for mobile-sized screens.
3. Let's link our website to this new "under500.css" stylesheet.
 - a. `<link rel="stylesheet" media="screen and (max-width:500px)" href="css/under500.css">`

4. Because screens are so much smaller on mobile as compared to desktop, we need to completely change up the way some of our content is sized and laid out on the screen! Following the steps below. After the below styles have been applied, your website should look something like the screenshots at the end of this document.

Note: You are not required to include fallbacks here.

Content:

1. Center all of our text on the page
2. Change <body> width to 100%

Header:

1. Header image height should be 15vh, width of 100%;

Headers:

1. h1: 10vw;
2. h2: font-size: 9vw;
3. h3: font-size: 7vw;

all paragraphs:

1. font-size: 8vw;

#about section:

1. width: 100%;
2. image in about section: width: 10vw;

save button:

1. width: 40vw;
2. font-size: 10vw;

#recipe section:

1. width: 100%;
2. video{
width: 95%;
height: 50vh;
}

ul li

1. should span whole width of containing element
2. font-size: 6vw;
3. align all text left;

ol li

1. should span whole width of containing element
2. font-size: 7vw;
3. align all text left

.username

1. font-size: 8vw;

#reviews section

1. Include a small amount of padding on the top
2. font-size: 4vw;
3. Should span 95% of its containing element
4. height: 65vh;
5. overflow: auto;

#reviews image

1. width: 5vh;

#share image

1. width: 15vw;
2. height: auto;

allrecipes!

Fresh Southern Peach Cobbler



Recipe by aeposey

"I've been experimenting with cobbler for some time and this recipe is the final result. Loved by all."

Save

"I've been experimenting with cobbler for some time and this recipe is the final result. Loved by all."

Save



0:00 / 5:03

Ingredients

- + 8 fresh peaches
- + 1/4 cup white sugar
- + 1/4 brown sugar
- + 1/4 teaspoon ground cinnamon
- + 1/8 teaspoon ground nutmeg
- + 1 teaspoon fresh lemon juice
- + 2 teaspoons cornstarch
- + 1 cup all-purpose flour
- + 1/4 cup white sugar
- + 1/4 cup brown sugar
- + 1 teaspoon baking powder
- + 1/2 teaspoon salt
- + 6 tablespoons unsalted butter
- + 1/4 cup boiling water

Directions

Directions

1. Preheat oven to 425 degrees F
2. In a large bowl, combine peaches, 1/4 cup white sugar, 1/4 cup brown sugar, 1/4 teaspoon cinnamon, nutmeg, lemon juice, and cornstarch. Toss to coat evenly, and pour into a 2 quart baking dish. Bake in preheated oven for 10 minutes.
3. Meanwhile, in a large bowl, combine flour, 1/4 cup white sugar, 1/4 cup brown sugar, baking powder, and salt. Blend

Reviews (3)



PIXIE_BIT



This is a good peach cobbler - just the right spices and sweetness.

You should note however the amount of baking powder - this is a very "cake-like" cobbler.



southerncook



This is an okay recipe.



i-like-food



This is absolutely one of my favorite recipes that I've tried so far.

The ingredient proportions are right on the mark, and the procedure is so easy.

Share

