



FEWD - Responsive Basics

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Agenda

- Review
- Responsive Layouts
- Media Queries

Review

Let's bring HTML/CSS back into the equation.



Boxes

Responsive Layout



Responsive Sites



Mobile Boxes

Fixed vs Responsive

Checkout these **Fixed** sites

- [UPS.com](https://www.ups.com)
- [Boston.com](https://www.boston.com)
- [Google.com](https://www.google.com)
- [Getaround.com](https://www.getaround.com)

Checkout these **Responsive** Sites

- [Generalassemb.ly](https://www.generalassemb.ly)
- [Dwolla.com](https://www.dwolla.com)
- [Sweethatclub.com](https://www.sweethatclub.com)
- [Relayrides.com](https://www.relayrides.com)

Fixed Layout

- Relies on a container of fixed width
- Usually 960px or 980px

Responsive Layout

- Different styles for different screen widths
- Uses an elastic/fluid layout
- Fluid
- Sized in percentages or flexbox.
- Elastic

Media Queries

```
@media screen and (min-width: 480px) {  
  body {  
    background-color: lightgreen;  
  }  
}  
  
@media screen and (max-width: 480px) {  
  body {  
    background-color: red;  
  }  
}
```

Mobile Display

```
<meta name="viewport" content="width=device-width,  
initial-scale=1">
```

Why is this necessary?

Mobile browser assumption of fixed layout of 980px, this lets the mobile know it's okay to display it at it's natural size.



Responsive Boxes

Continue with TODO list.

