Responsive Iframes

Iframes are usually displayed using aspect ratios. The aspect ratio of an element describes the proportional relationship between its width and its height. Some common video aspect ratios are 4:3 (the universal video format of the 20th century), 16:9 (universal for HD television and European digital television, and for YouTube videos) and 18:9.

To create a responsive iframe for videos or related media, do the following:

1. Use a container element, like , and add the iframe inside of it.
2. Add a percentage value for padding-top to maintain the aspect ratio of the container div.

Here is a sample code:

```
<!DOCTYPE html>
<html>
<head>
<meta name="viewport" content="width=device-
width, initial-scale=1">
<style>
.container {
  position: relative;
  width: 100%;
  overflow: hidden;
  padding-top: 56.25%; /* 16:9 Aspect Ratio
*/
}

.responsive-iframe {
  position: absolute;
  top: 0;
  left: 0;
  bottom: 0;
  right: 0;
  width: 100%;
  height: 100%;
  border: none;
}
</style>
</head>
<body>

<h2>Responsive Iframe</h2>
<h3>Maintain Aspect Ratio 16:9</h3>
<p>Resize the window to see the effect.</p>
```

```
<div class="container">
  <iframe class="responsive-iframe"
src="https://www.youtube.com/embed/tgbNymZ7vq
Y"></iframe>
</div>

</body>
</html>
```

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