

What do you mean by Responsive images?

Responsive images refer to the practice of serving different versions of an image to different devices and screen sizes, improving the performance and user experience of a website. This approach involves specifying multiple image sources with varying widths and densities, allowing the browser to select the most appropriate version based on the device's screen size, pixel density, and orientation.

The key concepts involved in responsive images are:

1. **Srcset:** A list of image sources with their corresponding widths, used to specify the available versions of an image. For example: `img srcset="small.jpg 240w, medium.jpg 480w, large.jpg 800w"`
2. **Sizes:** A set of media queries that define when each image source should be displayed. For example: `sizes="(max-width: 768px) 240w, (max-width: 1280px) 480w"`
3. **Pixel density:** The ratio of physical pixels to CSS pixels on a device's screen. This is used to determine the most appropriate image size for devices with high pixel densities, such as Retina displays.

`<img`

`srcset="image-small.jpg 240w, image-medium.jpg 480w, image-large.jpg 800w"`

`sizes="(max-width: 768px) 240w, (max-width: 1280px) 480w"`

`alt="Responsive image example"`

`/>`