RWD – is a principle of web design focused on adaptiveness of web page depending on the screen size.

RWD is used for displaying website how it was meant regardless the screen size, RWD is implemented by the media query for that purpose. Before RWD the responsiveness was achieved with the fluid grid. The difference is that RWD is based on media queries for adjusting content for different screen sizes, the fluid grid layout uses relative sizing for fitting elements to the different screens.

CSS media queries check device’s screen width and height for displaying content according to size.

Em font size has the ability to scale according to the screen size. This is very helpful for designing mobile and desktop-friendly websites.