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There has been an overabundance of information on responsive web. Starting from mobile browsers to notebooks and tablets, users are visiting your sites from a growing range of devices and browsers. But the thing of concern is, are you ready with the right designs? Now, it's become mandatory to look beyond the desktop and the visibly attractive designs. The designers are required to foresee and respond to your users' needs. While responsive web designing and mobile designing do present some challenges, it's important to keep in mind the following 5 factors about how do you make a site when going ahead with your next design project.

Be design ready, think beyond the desktop.

Creating a version for each resolution and new device could be impossible for many sites. Thus, thing to do is to stop being restrictive to one device, as we have moved to multiple devices. Instead the companies should think how to know about their business of their clients requirements and how to spread the information to the audience in a better way.

## Fluid grids

Fluid layouts are an underestimated thing in web design. Now people have begun to realize its true potential. Overall, they put control of your designs in the hands of your users and their browsing habits. When designing for responsive web, designers should think of fluid grids in terms of liquid design. Instead of working with fixed pixels wireframes, you should not have hard code pixel configurations, but have configurations relative to the content and form factor. We are trying not getting too technical here, but if you've ever worked with relative units such as the em, then must you know that it's all about context. In other words, the actual size of an element's em is computed relative to the font size of its parent element.

## Flexible images

You should practice setting the max-width 100%, which means that an image will never exceed the size of its containing element. You can also apply this rule to other forms of embedded media like videos.

## Media queries

Fluid layouts can appear to be restricted, sometimes unreadable on small mobile devices, and at other times too large on large widescreen displays. This is where media queries come in. Media queries enable us to adapt typography to the size and resolution of the user's device, constructing the perfect reading experience for the users. Media query comprises of a media type and one or many expressions to limit the scope of style sheets. Inside the media library, you can establish media queries such as "width," "height," or "color." With the help of the media queries, you can customize presentations to a specific range of output devices without actually changing the content.

## UX design principles

In spite of the various form factors in which you're developing, remember not to compromise with your basic design principles. That is, your design should have strong elements of structure, visibility, simplicity, feedback, and reusability.



If you keep these 5 things in mind while building your website, then youâ€™ll be ready to meet the modern internet requirements of displaying your page onto various kinds of mobile devices with ease.

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