

Cascading Style Sheets (CSS)

Browser Support

Can I Use

Can I use

viewpo

? ⚙ Settings

7 results found

Viewport units: vw, vh, vmin, vmax 📄 - CR

Global76.03% + 7.57% = 83.6%

U.S.A.82.85% + 13.84% = 96.69%

Length units representing 1% of the viewport size for viewport width (vw), height (vh), the smaller of the two (vmin), or the larger of the two (vmax).

Current alignedUsage relativeShow all

IE	Edge	Firefox	Chrome	Safari	Opera	iOS Safari	Opera Mini	Android Browser	Chrome for Android
			49						
		47	51			9.2		4.4	
8	13	48	52	9.1		9.3		4.4.4	
11	14	49	53	10	39	10	all	52	51
		50	54	TP	40				
		51	55		41				
		52	56						

Notes

Known issues (11)

Resources (7)

Feedback

2

Partial support refers to not supporting the "vmax" unit.

<http://caniuse.com/>

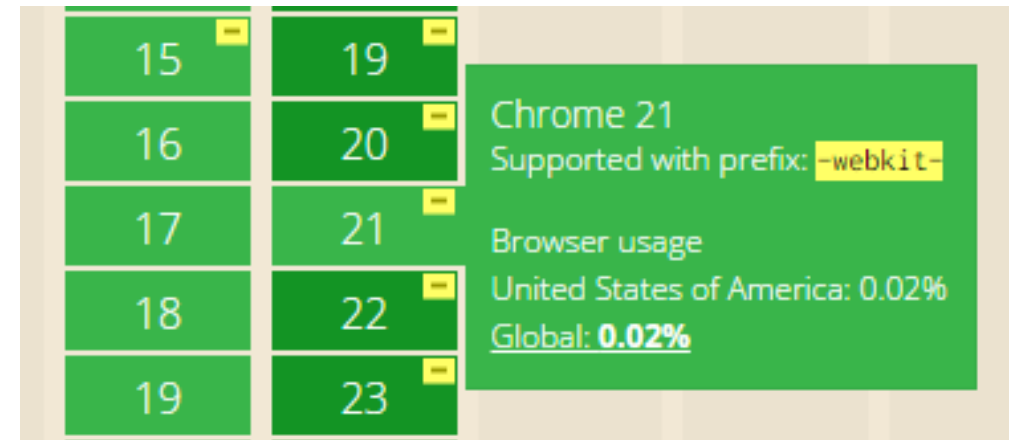
Vendor Prefixes

- [sublime-autoprefixer](#) (requires node)

Typically the vendors use these prefixes:

- -webkit- (Chrome, Safari, newer versions of Opera.)
- -moz- (Firefox)
- -o- (Old versions of Opera)
- -ms- (Internet Explorer)

[Source: MDN](#)



<http://caniuse.com/#search=transform>



Preferences -> Packages -> Autoprefixer -> Settings – Default

```
{  
  "browsers": ["last 2 versions"],  
  "cascade": true,  
  "remove": true,  
  "prefixOnSave": false  
}
```

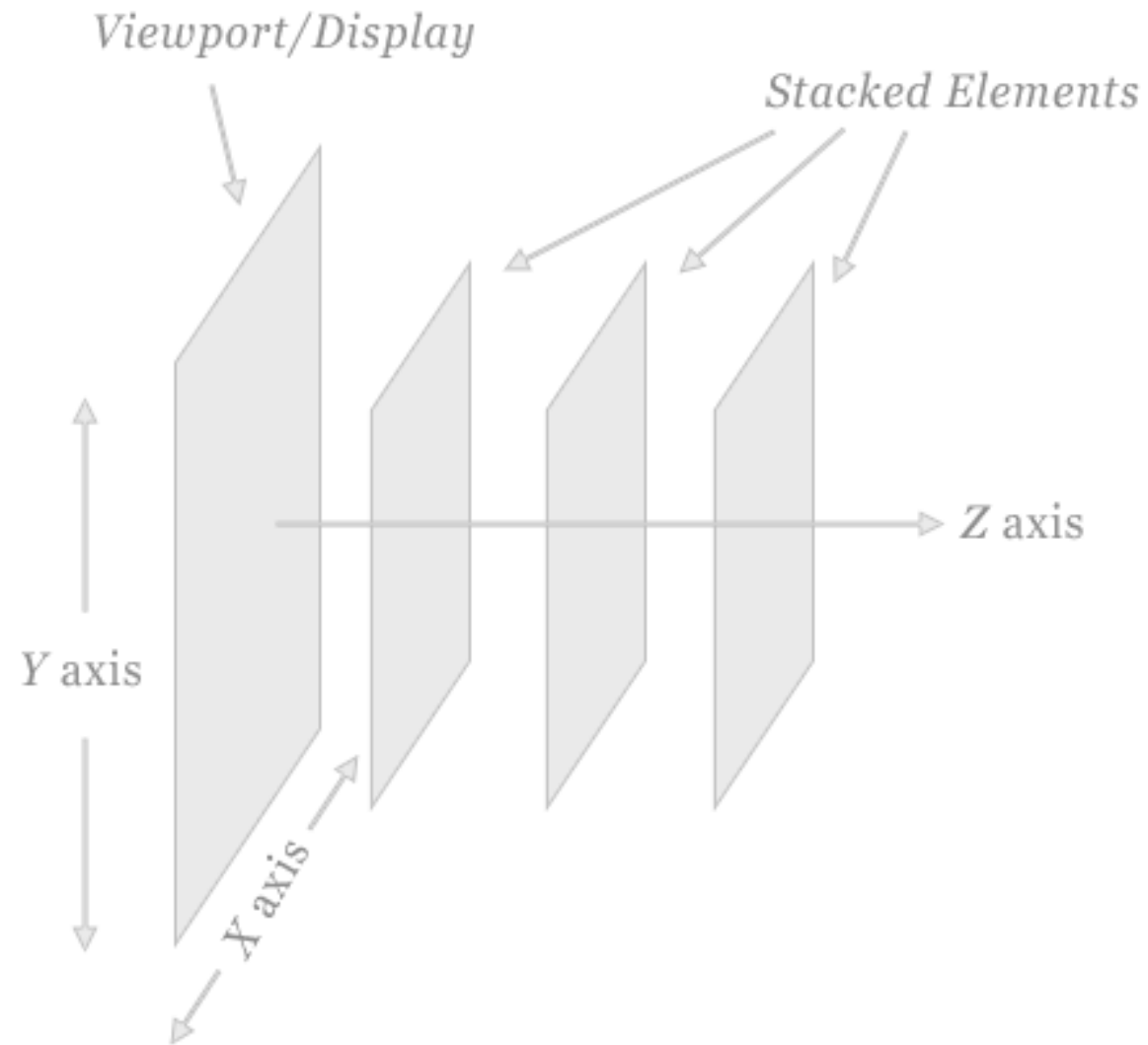
Preferences -> Packages -> Autoprefixer -> Settings – User

```
{  
  "browsers": ["last 30 versions"],  
  "prefixOnSave": true  
}
```

Polyfills

- [html5shiv](#) for HTML5 elements
- [-prefix-free](#) for vendor prefixes
- [Flexibility](#) for flex-box support
- [mediaelement.js](#) for consistent audio/video players
- Etc.

Z-Index



<https://www.smashingmagazine.com/2009/09/the-z-index-css-property-a-comprehensive-look/>

Z-Index

- Z-index only applies to non-statically positioned elements
- There is no global z-index
- Resources
 - [CSSTricks](#) on z-index
 - [Blog](#): "What No One Told You About Z-Index"

CSS3 Transitions

```
/* One property at a time */  
transition-property: <property> | all | none;  
transition-duration: 1s | 1000ms;  
transition-timing-function: <same as animations>;  
transition-delay: 0.2s | 200ms;  
  
/* Or all at once */  
transition: background-color 1s ease 0s;
```

Check out Shay Howe's [transition tutorial](#)



```
#image-1 {  
    margin: 200px;  
    width: 400px;  
    transition: transform 0.5s ease 0s;  
}  
  
#image-1:hover {  
    transform: scale(2) rotate(15deg);  
}
```

Transition vs Animation

- Comprehensive blog [post](#)
 - Transitions don't have keyframes
 - Transitions are more useful for user interfaces

animatable

One property, two values, endless possibilities

Fork me on GitHub

Animate on hover

Animate all

1

background-color

2

background-position

3

background-position

4

background-size

5

border-radius

6

border-radius

7

border-width

8

border-width

<http://leaverou.github.io/animatable/>

Media Styling



Object Fit & Object Position

- Controlling the size/position of an image/video within its container
- [CSS Tricks](#) on object-fit and object-position
- [Quirks Mode](#) on object-fit
- No support on IE, [object-fit-images](#) polyfill



Backgrounds

- Individual properties:
 - [background-image](#)
 - [background-position](#)
 - [background-size](#)
 - [background-repeat](#)
 - [background-attachment](#)
 - [background-origin](#)
 - [background-clip](#)
 - [background-color](#)
- Shorthand:
 - [background](#)

Shorthand

CSS

```
body {  
  background:  
    url(sweettexture.jpg)      /* image */  
    top center / 200px 200px /* position / size */  
    no-repeat                  /* repeat */  
    fixed                      /* attachment */  
    padding-box                /* origin */  
    content-box                /* clip */  
    red;                       /* color */  
}
```

Gradient Resources

- [Gradient Generator](#) tool
- [CSS Tricks](#) on CSS3 Gradients
- [MDN](#) on Using Gradients
- [Gradient Animator](#) (animates background-position)