

Converting Colors

XYZ(30.2146, 38.8306, 33.9546)

Have a look what the booklet for
XYZ(30.2146, 38.8306, 33.9546)
contains.

XYZ(30.2178, 38.8903, 33.9309)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(30.2178, 38.8903,
33.9309)**

Conversions

Conversions Part 1

Format	Color
Hex	7FB394
RGB	127, 179, 148
RGB Percent	50%, 70%, 58%
CMY	0.5020, 0.2980, 0.4196
CMYK	0.29, 0.00, 0.17, 0.30
HSL	144°, 25%, 60%
HSV	144°, 29%, 70%
XYZ	30.2178, 38.8903, 33.9309
YIQ	159.9180, -21.0410, -20.6650

Conversions

Conversions Part 2

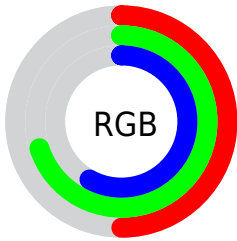
Format	Color
RYB	127, 164, 179
Decimal	8369044
CIELab	68.67, -23.71, 10.39
CIELCh	69, 25.887, 156.334
Yxy	38.8903, 0.2933, 0.3774
Android (android.graphics.Color)	4286559124 (0xFF7FB394)
YUV	159.9180, -5.8756, -28.8691
Hunter-Lab	62.3621, -22.6408, 11.3941

Details

The XYZ color **30.2178, 38.8903, 33.9309** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **32.3527, 27.2321, 35.9006**, and the grayscale version is **33.4098, 35.1497, 38.2781**.

A 20% lighter version of the original color is **59.4251, 73.5047, 66.9329**, and **12.5990, 17.3213, 13.9886** is the 20% darker color. If you saturate the color by 10%, you get **26.9790, 37.3149, 29.5717**, and if you desaturate by 10%, it is **34.0103, 40.7443, 38.7243**.

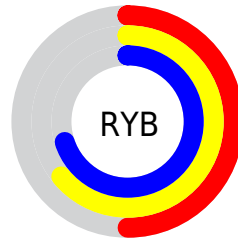
Distribution



Red (50%)

Green (70%)

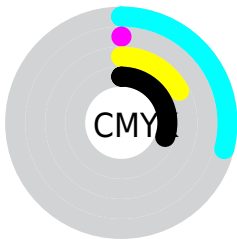
Blue (58%)



Red (50%)

Yellow (64%)

Blue (70%)

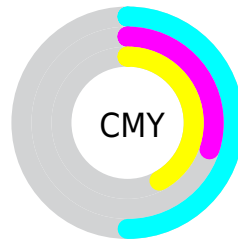


Cyan (29%)

Magenta (0%)

Yellow (17%)

Black (30%)



Cyan (50%)


Magenta (30%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 30.2178, 38.8903, 33.9309 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 30.2178, 38.8903, 33.9309 by changing the saturation by 10% instead.


 30.2178, 38.8903,
33.9309


 30.2178, 38.8903,
33.9309


294.8100,
341.4239, 334.5836


 20.1529, 26.6744,
22.5636


 59.3907, 73.4707,
66.9589

 12.6151, 17.3288,
14.0693


 79.2294, 96.6040,
89.4566

 7.2392, 10.4692,
8.0296


 103.0567,
124.1452, 116.5016

 3.6598, 5.7112,
4.0259

131.2380,
156.4787, 148.5123

 1.5115, 2.6703,
1.6395

164.1386,
193.9890, 185.9073

 0.3337, 0.9621,
0.3188

202.1239,

 0.0000, 0.0000,

237.0603, 229.1052

0.0000

245.5592,
286.0771, 278.5244

■ 30.2178, 38.8903,
33.9309

■ 30.2178, 38.8903,
33.9309

■ 26.9790, 37.3149,
29.5717

■ 34.0103, 40.7443,
38.7243

■ 24.2635, 35.9994,
25.6318

■ 38.3785, 42.8848,
43.9609

■ 22.0429, 34.9305,
22.0993

■ 43.3471, 45.3254,
49.6529

■ 20.2844, 34.0916,
18.9608

■ 48.9385, 48.0774,
55.8110

■ 18.9512, 33.4640,
16.2020

■ 55.1737, 51.1513,
62.4458

■ 18.0003, 33.0258,
13.8075

■ 62.0729, 54.5575,
69.5673

■ 17.3546, 32.7376,
11.7599

■ 69.6552, 58.3056,
77.1853

■ 17.2999, 32.7132,
11.5825

■ 72.1224, 59.4062,
85.0372

■ 73.6970, 60.0361,
93.3290

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



32.4969, 38.8903, 26.6668



30.2178, 38.8903, 33.9309



29.6846, 38.8903, 44.8790

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



30.2178, 38.8903, 33.9309



37.8386, 38.8903, 68.9119



43.6694, 38.8903, 30.3513

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



30.2178, 38.8903, 33.9309



32.3527, 27.2321, 35.9006

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.3458, 38.8903, 39.9081



30.2178, 38.8903, 33.9309



41.8230, 38.8903, 63.2077

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



30.2178, 38.8903, 33.9309



33.8958, 38.8903, 66.5094



44.6464, 38.8903, 52.0462



40.2122, 38.8903, 24.8823

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



30.2178, 38.8903, 33.9309



30.3533, 38.8903, 53.1444



44.6464, 38.8903, 52.0462



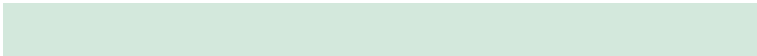
44.4711, 38.8903, 33.1176

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



30.2189, 38.8919, 33.9318



68.6473, 76.7608, 78.6304



34.0921, 41.0636, 26.2085



14.9446, 16.8767, 17.1100



86.6293, 91.1408, 99.2523



17.0014, 17.8868, 19.4787

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



30.2189, 38.8919, 33.9318



50.2151, 67.7499, 55.5750



32.4943, 39.8021, 45.9139



8.5265, 9.5451, 9.7660



12.2549, 23.1279, 8.3449



0.4148, 0.7394, 0.4166

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.3527, 27.2321, 35.9006



54.6727, 43.3788, 59.6778



30.3595, 26.4348, 25.4046



8.7018, 8.5875, 9.9284



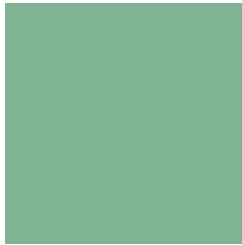
15.0345, 7.5313, 10.6074



0.5010, 0.2482, 0.4810

Previews

White Background



This preview shows how the XYZ color 30.2178, 38.8903, 33.9309 looks on a white background.

Color Contrast Check

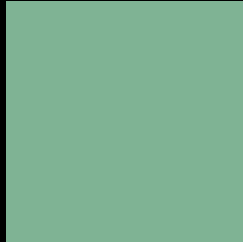
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 30.2178, 38.8903, 33.9309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

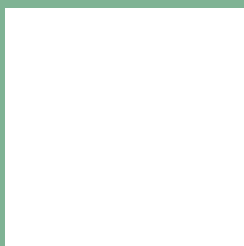
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 30.2178, 38.8903, 33.9309

Background



This preview shows how black text looks on a background with the XYZ color 30.2178, 38.8903, 33.9309.



This preview shows how white text looks on a background with the XYZ color 30.2178, 38.8903,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

30.2178, 38.8903, 33.9309

Protanopia

36.4232, 38.4555, 31.0941

Deuteranopia

39.3986, 38.5756, 35.0751



Tritanopia

34.0974, 39.0109, 52.7464

Trichromacy



Original Color

30.2178, 38.8903, 33.9309

Protanomaly

33.6975, 38.4085, 32.0231

Deuteranomaly

35.3144, 38.3466, 34.8185

Tritanomaly

32.5839, 38.9733, 45.3404

Monochromacy



Original Color

30.2178, 38.8903, 33.9309

Achromatopsia

33.4132, 35.1533, 38.2819

Achromatomaly

32.0322, 36.3336, 36.7773

CSS Examples

Text

The CSS property to change the color of the text to XYZ 30.2178, 38.8903, 33.9309 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(127, 179, 148)` looks like.

```
.text, #text, p{  
    color:rgb(127, 179, 148)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(127, 179, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 179, 148) }
```

Border

The CSS property to change the border of an element to XYZ 30.2178, 38.8903, 33.9309 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(127, 179, 148) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(127, 179, 148) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(127, 179, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 179, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 179, 148);  
box-shadow:4px 4px 4px 4px rgb(127, 179,  
148) }
```

Background

The CSS property to change the background color of an element to XYZ 30.2178, 38.8903, 33.9309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 179, 148) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(127,  
179, 148) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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