

Converting Colors

XYZ(39.4138, 48.6685, 60.7563)

Have a look what the booklet for
XYZ(39.4138, 48.6685, 60.7563)
contains.

XYZ(39.5194, 48.8350, 60.7693)	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(39.5194, 48.8350,
60.7693)**

Conversions

Conversions Part 1

Format	Color
Hex	83C5C6
RGB	131, 197, 198
RGB Percent	51%, 77%, 78%
CMY	0.4863, 0.2274, 0.2235
CMYK	0.34, 0.01, 0.00, 0.22
HSL	181°, 37%, 65%
HSV	181°, 34%, 78%
XYZ	39.5194, 48.8350, 60.7693
YIQ	177.3800, -39.6570, -13.6810

Conversions

Conversions Part 2

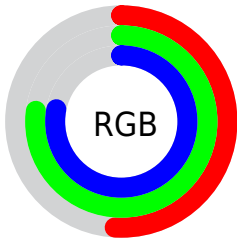
Format	Color
R_{YB}	131, 164, 198
Decimal	8635846
CIE _{Lab}	75.35, -20.56, -7.17
CIE _{LCh}	75, 21.770, 199.226
Yxy	48.8350, 0.2650, 0.3275
Android (android.graphics.Color)	4286825926 (0xFF83C5C6)
YUV	177.3800, 10.1657, -40.6753
Hunter-Lab	69.8820, -21.3490, -2.6410

Details

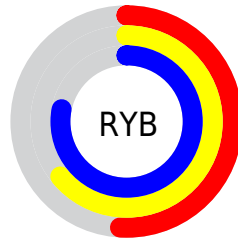
The XYZ color **39.5194, 48.8350, 60.7693** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.6375, 30.1476, 25.4147**, and the grayscale version is **41.9541, 44.1389, 48.0673**.

A 20% lighter version of the original color is **73.7415, 88.5427, 107.8116**, and **17.9171, 23.2363, 29.9263** is the 20% darker color. If you saturate the color by 10%, you get **36.6745, 47.2703, 60.6180**, and if you desaturate by 10%, it is **42.9533, 50.7060, 60.9503**.

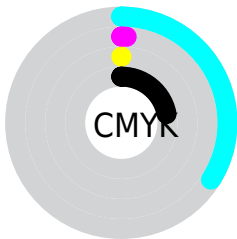
Distribution



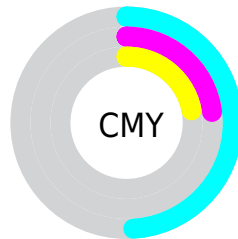
- Red (51%)
- Green (77%)
- Blue (78%)



- Red (51%)
- Yellow (64%)
- Blue (78%)



- Cyan (34%)
- Magenta (1%)
- Yellow (0%)
- Black (22%)




- Cyan (49%)
- Magenta (23%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5194, 48.8350, 60.7693 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 39.5194, 48.8350, 60.7693 by changing the saturation by 10% instead.


 39.5194, 48.8350,
60.7693


 39.5194, 48.8350,
60.7693


335.2630,
382.0924, 445.3107


 27.3466, 34.4886,
43.6097


 73.7201, 88.4463,
107.4991

 17.9716, 23.2692,
30.0288


 96.4787, 114.4801,
137.9063

 11.0292, 14.7924,
19.6082

 123.4966,
145.1784, 173.5665

 6.1539, 8.6738,
11.9293

155.1392,
180.9257, 214.8982

 2.9804, 4.5291,
6.5736

191.7717,
222.1063, 262.3200

 1.1434, 1.9737,
3.1225

233.7596,

 0.0610, 0.5921,

269.1047, 316.2503

1.1575

281.4683,
322.3053, 377.1077

■ 0.0000, 0.0000,
0.0000

■ 39.5194, 48.8350,
60.7693

■ 39.5194, 48.8350,
60.7693

■ 36.6745, 47.2703,
60.6180

■ 42.9533, 50.7060,
60.9503

■ 34.3808, 45.9887,
60.4916

■ 47.0028, 52.8933,
61.1590

■ 32.6029, 44.9733,
60.3893

■ 51.6979, 55.4136,
61.3980

■ 31.2995, 44.2026,
60.3092

■ 57.0656, 58.2808,
61.6686

■ 30.4228, 43.6521,
60.2492

■ 63.1311, 61.5080,
61.9718

■ 29.9153, 43.2921,
60.2064

■ 69.9186, 65.1075,
62.3088

■ 29.7200, 43.1310,
60.1856

■ 71.8722, 66.2154,
62.4197

■ 71.9402, 66.3513,
62.4423

■ 72.0083, 66.4874,
62.4650

Harmonies

Analogous

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



39.2562, 48.8350, 49.1567



39.5194, 48.8350, 60.7693



41.5674, 48.8350, 71.6799

Triad

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



39.5194, 48.8350, 60.7693



52.4942, 48.8350, 68.9123



47.8704, 48.8350, 34.3202

Complementary

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



39.5194, 48.8350, 60.7693



35.6375, 30.1476, 25.4147

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.



51.6281, 48.8350, 38.1619



39.5194, 48.8350, 60.7693



54.3978, 48.8350, 57.4024

Square

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



39.5194, 48.8350, 60.7693



48.9979, 48.8350, 76.8285



54.0721, 48.8350, 46.2377



43.9268, 48.8350, 34.9522

Rectangle

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



39.5194, 48.8350, 60.7693



43.7386, 48.8350, 76.5684



54.0721, 48.8350, 46.2377



49.2009, 48.8350, 35.1065

Sweetspot

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



39.5208, 48.8369, 60.7704



86.1618, 95.2383, 108.4494



33.6519, 46.8531, 28.7438



18.1956, 20.2524, 23.2000



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



39.5208, 48.8369, 60.7704



65.9759, 84.2773, 107.3976



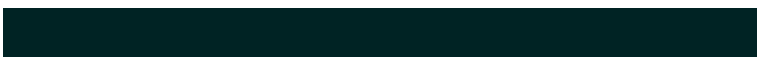
32.9193, 35.6339, 58.5699



10.9327, 12.0394, 13.6651



19.3334, 28.0607, 39.1416



0.9199, 1.3375, 1.8548

Inverse Universe

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



41.4843, 32.2708, 56.8679



70.0186, 50.3367, 99.3244



40.7516, 40.3758, 27.1194



11.0760, 10.8138, 13.3837



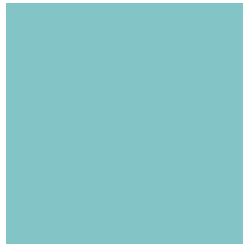
21.5579, 10.3727, 34.4775



1.0230, 0.4920, 1.6443

Previews

White Background



This preview shows how the XYZ color 39.5194, 48.8350, 60.7693 looks on a white background.

Color Contrast Check

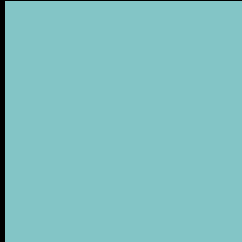
Large Text (above 18pt) WCAG AA × Fail

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 39.5194, 48.8350, 60.7693 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 39.5194, 48.8350, 60.7693

Background



This preview shows how black text looks on a background with the XYZ color 39.5194, 48.8350, 60.7693.



This preview shows how white text looks on a background with the XYZ color 39.5194, 48.8350,

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

39.5194, 48.8350, 60.7693

Protanopia

46.6845, 48.4378, 55.6041

Deuteranopia

49.4876, 48.5089, 62.6320



Tritanopia

41.1045, 48.8017, 68.8812

Trichromacy



Original Color

39.5194, 48.8350, 60.7693

Protanomaly

43.5491, 48.3524, 57.4897

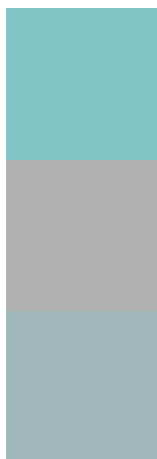
Deuteranomaly

45.1148, 48.1055, 62.1658

Tritanomaly

40.5534, 48.9226, 65.6981

Monochromacy



Original Color

39.5194, 48.8350, 60.7693

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

40.3947, 45.2573, 52.5055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5194, 48.8350, 60.7693 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(131, 197, 198)` looks like.

```
.text, #text, p{  
    color:rgb(131, 197, 198)  
}
```

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(131, 197, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 197, 198) }
```

Border

The CSS property to change the border of an element to XYZ 39.5194, 48.8350, 60.7693 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(131, 197, 198) }
```


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

```
.border{ border-color:rgb(131, 197, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 197, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 197, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 197, 198);  
box-shadow:4px 4px 4px 4px rgb(131, 197,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5194, 48.8350, 60.7693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 197, 198) }
```

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

```
.background{ background-color: rgb(131,  
197, 198) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor