

Converting Colors

XYZ(39.0910, 52.0959, 47.9108)

Have a look what the booklet for
XYZ(39.0910, 52.0959, 47.9108)
contains.

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Color

**XYZ(39.0714, 52.0239,
48.0267)**

Conversions

Conversions Part 1

Format	Color
Hex	83CEAE
RGB	131, 206, 174
RGB Percent	51%, 81%, 68%
CMY	0.4863, 0.1921, 0.3176
CMYK	0.36, 0.00, 0.16, 0.19
HSL	154°, 43%, 66%
HSV	154°, 36%, 81%
XYZ	39.0714, 52.0239, 48.0267
YIQ	179.9270, -34.4280, -25.8520

Conversions

Conversions Part 2

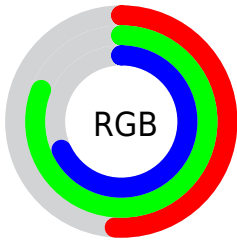
Format	Color
RYB	131, 179, 206
Decimal	8638126
CIELab	77.30, -30.36, 8.61
CIELCh	77, 31.559, 164.167
Yxy	52.0239, 0.2808, 0.3739
Android (android.graphics.Color)	4286828206 (0xFF83CEAE)
YUV	179.9270, -2.9220, -42.9090
Hunter-Lab	72.1276, -29.5301, 11.0106

Details

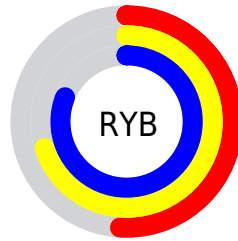
The XYZ color **39.0714, 52.0239, 48.0267** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.1826, 32.0002, 38.7114**, and the grayscale version is **43.3729, 45.6316, 49.6928**.

A 20% lighter version of the original color is **70.1526, 87.6162, 87.3429**, and **17.7213, 25.1581, 22.3343** is the 20% darker color. If you saturate the color by 10%, you get **35.3636, 50.2097, 43.5260**, and if you desaturate by 10%, it is **43.4725, 54.1918, 52.8549**.

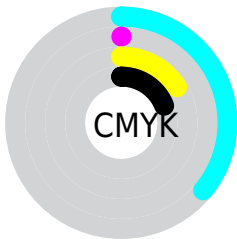
Distribution



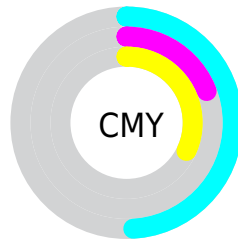
- Red (51%)
- Green (81%)
- Blue (68%)



- Red (51%)
- Yellow (70%)
- Blue (81%)



- Cyan (36%)
- Magenta (0%)
- Yellow (16%)
- Black (19%)





- Cyan (49%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.0714, 52.0239, 48.0267 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 39.0714, 52.0239, 48.0267 by changing the saturation by 10% instead.


 39.0714, 52.0239,
48.0267


 39.0714, 52.0239,
48.0267


333.3959,
394.5289, 395.4097


 26.9963, 37.0241,
33.4879


 73.0408, 93.1665,
88.6101

 17.7070, 25.2262,
22.2263

 95.6657, 120.0781,
115.4918

 10.8382, 16.2456,
13.8234


 122.5379,
151.7291, 147.3249

 6.0246, 9.6981,
7.8606

154.0228,
188.5039, 184.5279

 2.9009, 5.1993,
3.9194

190.4856,
230.7869, 227.5193

 1.1016, 2.3647,
1.5812

232.2919,

 0.0264, 0.8076,

278.9624, 276.7177

0.2774

279.8068,
333.4150, 332.5417

■ 0.0000, 0.0000,
0.0000

■ 39.0714, 52.0239,
48.0267

■ 39.0714, 52.0239,
48.0267

■ 35.3636, 50.2097,
43.5260

■ 43.4725, 54.1918,
52.8549

■ 32.3060, 48.7228,
39.3418

■ 48.5983, 56.7254,
58.0141

■ 29.8570, 47.5435,
35.4676


■ 54.4833, 59.6437,
63.5123


■ 27.9683, 46.6470,
31.8952


■ 61.1588, 62.9626,
69.3560


■ 26.5839, 46.0045,
28.6159


■ 68.6539, 66.6971,
75.5517


 25.6321, 45.5791,
25.6201

 76.9964, 70.8614,
82.1055

 25.3485, 45.4550,
24.6097

 78.3845, 71.4334,
88.6571

 79.6902, 71.9557,
95.5327

 81.0596, 72.5034,
102.7437

Harmonies

Analogous

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



41.7712, 52.0239, 35.9370



39.0714, 52.0239, 48.0267



38.9965, 52.0239, 65.2034

Triad

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



39.0714, 52.0239, 48.0267



52.3515, 52.0239, 95.5121



58.2769, 52.0239, 36.4456

Complementary

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



39.0714, 52.0239, 48.0267



40.1826, 32.0002, 38.7114

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.



61.6156, 52.0239, 48.8706



39.0714, 52.0239, 48.0267



58.0102, 52.0239, 84.0851

Square

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



39.0714, 52.0239, 48.0267



46.3384, 52.0239, 95.1570



61.5142, 52.0239, 66.2376



52.6920, 52.0239, 30.2425

Rectangle

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



39.0714, 52.0239, 48.0267



40.4266, 52.0239, 77.5087



61.5142, 52.0239, 66.2376



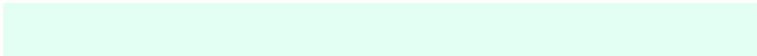
59.7187, 52.0239, 39.9080

Sweetspot

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



39.0728, 52.0260, 48.0279



83.6052, 94.3157, 98.6171



41.3766, 53.6230, 29.6431



17.6164, 20.0493, 20.8471



0.0000, 0.0000, 0.0000



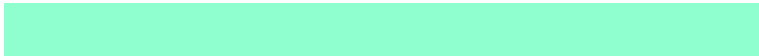
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0728, 52.0260, 48.0279



58.3309, 81.8529, 71.8368



41.3890, 51.0570, 66.0685



11.3331, 12.6430, 13.3113



15.6576, 28.0083, 15.4136



0.8453, 1.4599, 0.9927

Inverse Universe

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



40.1826, 32.0002, 38.7114



60.4006, 44.5922, 54.5263



38.3561, 32.3702, 25.7001



11.4077, 11.2918, 12.6814



16.8020, 8.5314, 6.6760



0.9045, 0.4552, 0.5431

Previews

White Background



This preview shows how the XYZ color 39.0714, 52.0239, 48.0267 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 39.0714, 52.0239, 48.0267 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

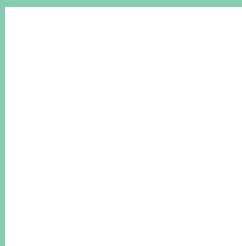
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0714, 52.0239, 48.0267

Background



This preview shows how black text looks on a background with the XYZ color 39.0714, 52.0239, 48.0267.



This preview shows how white text looks on a background with the XYZ color 39.0714, 52.0239,

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

39.0714, 52.0239, 48.0267

Protanopia

48.5423, 51.2539, 42.9319

Deuteranopia

52.5107, 51.2678, 49.7759



Tritanopia

44.0335, 51.9291, 72.6683

Trichromacy



Original Color

39.0714, 52.0239, 48.0267

Protanomaly

44.0385, 50.8560, 44.5409

Deuteranomaly

46.0951, 50.5032, 48.9136

Tritanomaly

41.9797, 51.7765, 63.0396

Monochromacy



Original Color

39.0714, 52.0239, 48.0267

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

41.1338, 47.2909, 49.0796

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0714, 52.0239, 48.0267 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, 206, 174)` looks like.

```
.text, #text, p{  
    color:rgb(131, 206, 174)  
}
```

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, 206, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(131, 206, 174) }
```

Border

The CSS property to change the border of an element to XYZ 39.0714, 52.0239, 48.0267 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, 206, 174) }
```


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

```
.border{ border-color:rgb(131, 206, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(131, 206, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(131, 206, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(131, 206, 174);  
box-shadow:4px 4px 4px 4px rgb(131, 206,  
174) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0714, 52.0239, 48.0267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(131, 206, 174) }
```

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

```
.background{ background-color: rgb(131,  
206, 174) }
```

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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