

Converting Colors

XYZ(39.3033, 59.0484, 50.8289)

Have a look what the booklet for
XYZ(39.3033, 59.0484, 50.8289)
contains.

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Color

**XYZ(39.2076, 58.8653,
50.8907)**

Conversions

Conversions Part 1

Format	Color
Hex	5EE0B1
RGB	94, 224, 177
RGB Percent	37%, 88%, 69%
CMY	0.6314, 0.1216, 0.3059
CMYK	0.58, 0.00, 0.21, 0.12
HSL	158°, 68%, 62%
HSV	158°, 58%, 88%
XYZ	39.2076, 58.8653, 50.8907
YIQ	179.7720, -62.3930, -42.1770

Conversions

Conversions Part 2

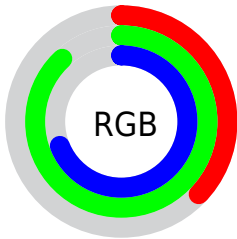
Format	Color
RYB	94, 173, 224
Decimal	6217905
CIELab	81.22, -46.84, 12.41
CIELCh	81, 48.452, 165.165
Yxy	58.8653, 0.2632, 0.3952
Android (android.graphics.Color)	4284407985 (0xFF5EE0B1)
YUV	179.7720, -1.3666, -75.2220
Hunter-Lab	76.7237, -43.0489, 14.3797

Details

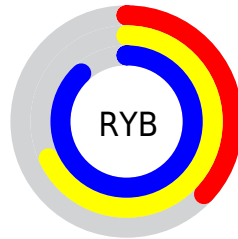
The XYZ color **39.2076, 58.8653, 50.8907** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **39.5529, 25.7773, 28.0925**, and the grayscale version is **43.2927, 45.5473, 49.6010**.

A 20% lighter version of the original color is **63.7944, 84.2732, 89.9948**, and **17.7923, 29.5387, 23.8326** is the 20% darker color. If you saturate the color by 10%, you get **36.4520, 57.5368, 46.6729**, and if you desaturate by 10%, it is **42.6807, 60.5612, 55.3948**.

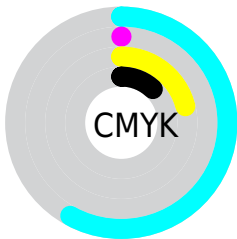
Distribution



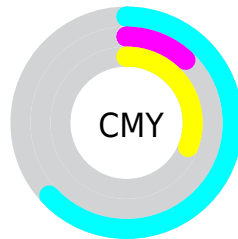
- Red (37%)
- Green (88%)
- Blue (69%)



- Red (37%)
- Yellow (68%)
- Blue (88%)



- Cyan (58%)
- Magenta (0%)
- Yellow (21%)
- Black (12%)





- Cyan (63%)
- Magenta (12%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2076, 58.8653, 50.8907 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 39.2076, 58.8653, 50.8907 by changing the saturation by 10% instead.

 39.2076, 58.8653,
50.8907


 39.2076, 58.8653,
50.8907


333.9643,
420.4026, 406.9734


 27.1027, 42.5047,
35.7455


 73.2474, 103.1819,
92.9030


 17.7874, 29.4967,
23.9496


 95.9130, 131.9066,
120.6073

 10.8962, 19.4569,
15.0844


 122.8296,
165.5215, 153.3349

 6.0639, 12.0009,
8.7313

 154.3625,
204.4110, 191.5045

 2.9250, 6.7443,
4.4719

190.8770,
248.9595, 235.5346

 1.1142, 3.3027,
1.8877

232.7386,

 0.0370, 1.2917,

299.5513, 285.8438

0.4849

280.3126,
356.5709, 342.8505

■ 0.0000, 0.1348,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 39.2076, 58.8653,
50.8907

■ 39.2076, 58.8653,
50.8907

■ 36.4520, 57.5368,
46.6729

■ 42.6807, 60.5612,
55.3948

■ 34.3489, 56.5377,
42.7302


■ 46.9196, 62.6447,
60.1878


■ 32.8289, 55.8338,
39.0562

■ 51.9738, 65.1429,
65.2773


■ 31.7923, 55.3739,
35.6418


■ 57.8875, 68.0782,
70.6695


 31.6157, 55.2969,
34.9994

 64.7011, 71.4717,
76.3702

 72.4527, 75.3427,
82.3848

 81.1782, 79.7097,
88.7190

 83.8927, 80.9717,
95.0493

 85.1351, 81.4687,
101.5920

Harmonies

Analogous

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



43.2844, 58.8653, 32.3496



39.2076, 58.8653, 50.8907



39.2305, 58.8653, 79.7623

Triad

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



39.2076, 58.8653, 50.8907



61.1820, 58.8653, 134.1006



70.7793, 58.8653, 32.2061

Complementary

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



39.2076, 58.8653, 50.8907



39.5529, 25.7773, 28.0925

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.



76.8499, 58.8653, 50.6255



39.2076, 58.8653, 50.8907



70.8720, 58.8653, 111.8133

Square

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



39.2076, 58.8653, 50.8907



51.1264, 58.8653, 134.2365



76.8857, 58.8653, 79.4044



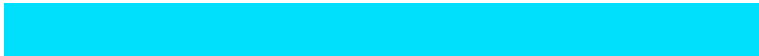
61.0673, 58.8653, 23.9798

Rectangle

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



39.2076, 58.8653, 50.8907



41.5364, 58.8653, 101.7317



76.8857, 58.8653, 79.4044



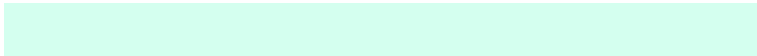
73.3624, 58.8653, 37.1160

Sweetspot

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



39.2092, 58.8676, 50.8921



78.4389, 91.7164, 95.4835



39.7762, 59.8433, 20.0452



16.4203, 19.4477, 20.1154



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.



39.2092, 58.8676, 50.8921



48.1253, 76.8150, 61.2711



40.3047, 52.2281, 78.4804



13.8953, 15.4838, 16.4837



18.4588, 32.2084, 20.6711



1.3219, 2.2495, 1.6562

Inverse Universe

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



39.5529, 25.7773, 28.0925



48.6695, 28.4222, 28.1347



38.4836, 28.0988, 13.9860



13.9110, 13.7820, 15.3015



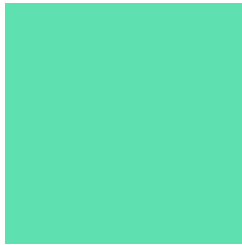
18.8077, 9.5901, 5.6531



1.3455, 0.6815, 0.6124

Previews

White Background



This preview shows how the XYZ color 39.2076, 58.8653, 50.8907 looks on a white background.

Color Contrast Check

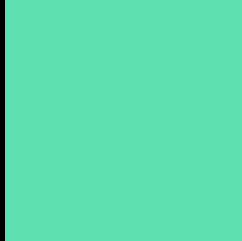
Large Text (above 18pt) WCAG AA × Fail

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 39.2076, 58.8653, 50.8907 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

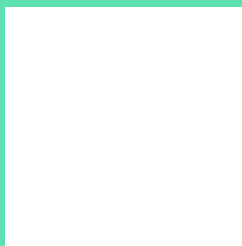
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.2076, 58.8653, 50.8907

Background



This preview shows how black text looks on a background with the XYZ color 39.2076, 58.8653, 50.8907.

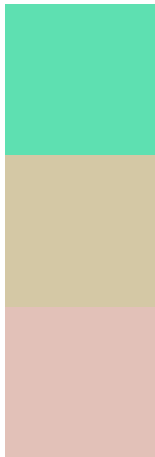


This preview shows how white text looks on a background with the XYZ color 39.2076, 58.8653,

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

39.2076, 58.8653, 50.8907

Protanopia

54.5972, 58.0222, 43.9191

Deuteranopia

59.0857, 57.7694, 53.3839



Tritanopia

46.2172, 58.5630, 86.7098

Trichromacy



Original Color

39.2076, 58.8653, 50.8907



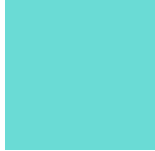
Protanomaly

46.3241, 56.9005, 46.0775



Deuteranomaly

48.2935, 55.9869, 51.9773



Tritanomaly

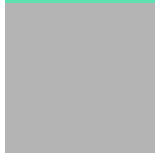
43.2856, 58.5313, 71.9671

Monochromacy



Original Color

39.2076, 58.8653, 50.8907



Achromatopsia

43.3819, 45.6411, 49.7032



Achromatomaly

40.2710, 49.1241, 50.0072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2076, 58.8653, 50.8907 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(94, 224, 177)` looks like.

```
.text, #text, p{  
  color:rgb(94, 224, 177)  
}
```

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(94, 224, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(94, 224, 177) }
```

Border

The CSS property to change the border of an element to XYZ 39.2076, 58.8653, 50.8907 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(94, 224, 177) }
```


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

```
.border{ border-color:rgb(94, 224, 177) }
```

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

Here you see how a box with a 4 pixel rgb(94, 224, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(94, 224, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(94, 224, 177);  
box-shadow:4px 4px 4px 4px rgb(94, 224,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2076, 58.8653, 50.8907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(94, 224, 177) }
```

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

```
.background{ background-color: rgb(94, 224,  
177) }
```

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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