

Converting Colors

XYZ(38.3993, 51.8919, 58.5234)

Have a look what the booklet for
XYZ(38.3993, 51.8919, 58.5234)
contains.

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Color

**XYZ(38.3689, 51.7909,
58.4265)**

Conversions

Conversions Part 1

Format	Color
Hex	6ECFC1
RGB	110, 207, 193
RGB Percent	43%, 81%, 76%
CMY	0.5686, 0.1882, 0.2431
CMYK	0.47, 0.00, 0.07, 0.19
HSL	171°, 50%, 62%
HSV	171°, 47%, 81%
XYZ	38.3689, 51.7909, 58.4265
YIQ	176.4010, -53.3180, -24.9180

Conversions

Conversions Part 2

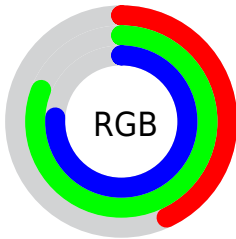
Format	Color
RYB	110, 162, 207
Decimal	7262145
CIELab	77.16, -32.00, -1.91
CIELCh	77, 32.059, 183.414
Yxy	51.7909, 0.2582, 0.3486
Android (android.graphics.Color)	4285452225 (0xFF6ECFC1)
YUV	176.4010, 8.1833, -58.2337
Hunter-Lab	71.9659, -30.7723, 2.2407

Details

The XYZ color **38.3689, 51.7909, 58.4265** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **34.9479, 25.8740, 22.2230**, and the grayscale version is **41.4560, 43.6149, 47.4966**.

A 20% lighter version of the original color is **68.7952, 86.5750, 102.7073**, and **17.2773, 25.0280, 28.7312** is the 20% darker color. If you saturate the color by 10%, you get **35.7584, 50.4846, 56.5827**, and if you desaturate by 10%, it is **41.5906, 53.4141, 60.3363**.

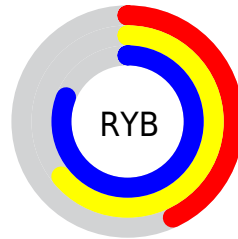
Distribution



Red (43%)

Green (81%)

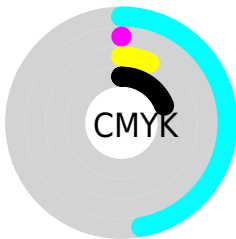
Blue (76%)



Red (43%)

Yellow (64%)

Blue (81%)

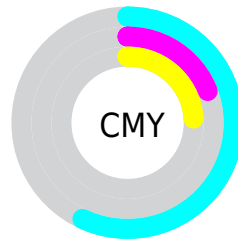


Cyan (47%)

Magenta (0%)

Yellow (7%)

Black (19%)



Cyan (57%)

Magenta (19%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3689, 51.7909, 58.4265 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 38.3689, 51.7909, 58.4265 by changing the saturation by 10% instead.

■ 38.3689, 51.7909,
58.4265

■ 38.3689, 51.7909,
58.4265

330.4534,
393.6288, 436.4159

■ 26.4476, 36.8384,
41.7347

■ 71.9735, 92.8228,
104.0646

■ 17.2933, 25.0824,
28.5696

■ 94.3875, 119.6710,
133.8479

■ 10.5404, 16.1385,
18.5127

■ 121.0298,
151.2532, 168.8321

■ 5.8237, 9.6222,
11.1454

152.2658,
187.9539, 209.4358

■ 2.7778, 5.1492,
6.0493

188.4608,
230.1574, 256.0775

■ 1.0374, 2.3351,
2.8058

229.9801,

■ 0.0000, 0.7922,

278.2481, 309.1757

0.9964

277.1892,
332.6105, 369.1490

■ 0.0000, 0.0000,
0.0000

■ 38.3689, 51.7909,
58.4265

■ 38.3689, 51.7909,
58.4265

■ 35.7584, 50.4846,
56.5827

■ 41.5906, 53.4141,
60.3363

■ 33.7122, 49.4671,
54.7992

■ 45.4576, 55.3680,
62.3105

■ 32.1837, 48.7156,
53.0747

■ 50.0066, 57.6726,
64.3522


■ 31.1166, 48.2014,
51.4063


■ 55.2703, 60.3448,
66.4632


■ 30.4371, 47.8861,
49.7904


■ 61.2792, 63.4005,
68.6449

 30.2617, 47.8066,
49.2916

 68.0622, 66.8543,
70.8991

 75.6464, 70.7205,
73.2271

 76.0659, 70.8923,
75.2563

 76.4580, 71.0491,
77.3210

Harmonies

Analogous

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



39.4165, 51.7909, 42.5888



38.3689, 51.7909, 58.4265



40.0251, 51.7909, 77.1061

Triad

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



38.3689, 51.7909, 58.4265



56.0085, 51.7909, 89.5353



54.6934, 51.7909, 31.2634

Complementary

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



38.3689, 51.7909, 58.4265



34.9479, 25.8740, 22.2230

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.



59.7382, 51.7909, 39.7649



38.3689, 51.7909, 58.4265



60.5406, 51.7909, 72.8942

Square

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



38.3689, 51.7909, 58.4265



49.9312, 51.7909, 97.2622



61.9586, 51.7909, 54.4043



48.5268, 51.7909, 28.9536

Rectangle

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



38.3689, 51.7909, 58.4265



42.5272, 51.7909, 88.0842



61.9586, 51.7909, 54.4043



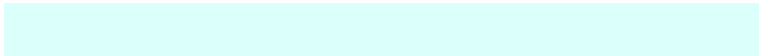
56.5931, 51.7909, 33.3905

Sweetspot

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



38.3704, 51.7929, 58.4277



82.2950, 93.5192, 104.0301



33.5208, 50.0797, 22.6526



17.2388, 19.8263, 22.1104



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.



38.3704, 51.7929, 58.4277



57.3745, 80.9406, 90.7327



32.6477, 37.7281, 64.5953



12.0819, 13.3765, 14.7878



19.0926, 30.1300, 31.1972



1.0881, 1.6929, 1.8526

Inverse Universe

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



34.9479, 25.8740, 22.2230



51.2770, 34.5808, 26.0949



38.5141, 34.3243, 19.3483



11.8773, 11.8356, 12.6295



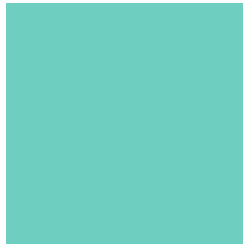
16.3803, 8.4250, 1.6431



0.9388, 0.4802, 0.2123

Previews

White Background



This preview shows how the XYZ color 38.3689, 51.7909, 58.4265 looks on a white background.

Color Contrast Check

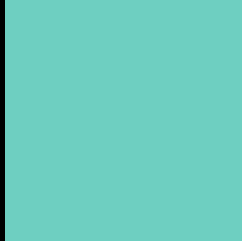
Large Text (above 18pt) WCAG AA × Fail

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 38.3689, 51.7909, 58.4265 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

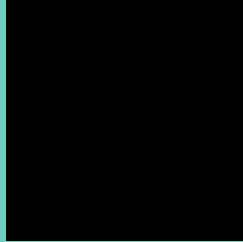
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 38.3689, 51.7909, 58.4265

Background



This preview shows how black text looks on a background with the XYZ color 38.3689, 51.7909, 58.4265.

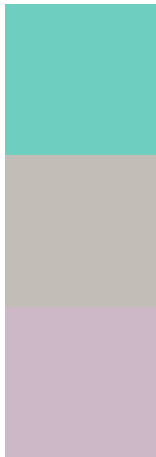


This preview shows how white text looks on a background with the XYZ color 38.3689, 51.7909,

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

38.3689, 51.7909, 58.4265

Protanopia

48.9930, 51.2834, 52.1162

Deuteranopia

52.2354, 51.1956, 60.5547



Tritanopia

41.6133, 51.6779, 74.7994

Trichromacy



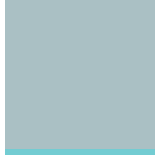
Original Color

38.3689, 51.7909, 58.4265



Protanomaly

43.8138, 50.8542, 54.5203



Deuteranomaly

45.3910, 50.2308, 59.5277



Tritanomaly

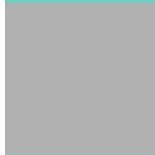
40.2960, 51.4837, 68.7863

Monochromacy



Original Color

38.3689, 51.7909, 58.4265



Achromatopsia

41.2663, 43.4154, 47.2793



Achromatomaly

39.1627, 45.5934, 50.9923

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3689, 51.7909, 58.4265 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(110, 207, 193)` looks like.

```
.text, #text, p{  
    color:rgb(110, 207, 193)  
}
```

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(110, 207, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 207, 193) }
```

Border

The CSS property to change the border of an element to XYZ 38.3689, 51.7909, 58.4265 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(110, 207, 193) }
```


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

```
.border{ border-color:rgb(110, 207, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(110, 207, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(110, 207, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(110, 207, 193);  
box-shadow:4px 4px 4px 4px rgb(110, 207,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3689, 51.7909, 58.4265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 207, 193) }
```

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

```
.background{ background-color: rgb(110,  
207, 193) }
```

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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