

Converting Colors

XYZ(39.0583, 50.3764, 58.1171)

Have a look what the booklet for
XYZ(39.0583, 50.3764, 58.1171)
contains.

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Color

**XYZ(39.0583, 50.3764,
58.1171)**

Conversions

Conversions Part 1

Format	Color
Hex	7CCAC1
RGB	124, 202, 193
RGB Percent	49%, 79%, 76%
CMY	0.5137, 0.2078, 0.2431
CMYK	0.39, 0.00, 0.04, 0.21
HSL	173°, 42%, 64%
HSV	173°, 39%, 79%
XYZ	39.0583, 50.3764, 58.1171
YIQ	177.6520, -43.5990, -19.3350

Conversions

Conversions Part 2

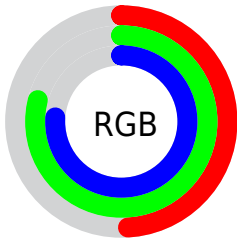
Format	Color
RYB	124, 165, 202
Decimal	8178369
CIELab	76.30, -26.11, -3.10
CIELCh	76, 26.296, 186.765
Yxy	50.3764, 0.2647, 0.3414
Android (android.graphics.Color)	4286368449 (0xFF7CCAC1)
YUV	177.6520, 7.5666, -47.0528
Hunter-Lab	70.9763, -25.9800, 1.1354

Details

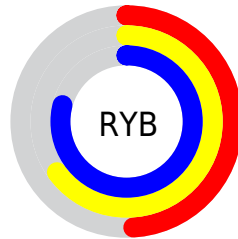
The XYZ color **39.0583, 50.3764, 58.1171** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **35.8001, 28.6666, 25.8384**, and the grayscale version is **42.1121, 44.3052, 48.2483**.

A 20% lighter version of the original color is **71.6813, 88.0629, 102.8424**, and **17.7778, 24.3385, 28.5717** is the 20% darker color. If you saturate the color by 10%, you get **36.1751, 48.9211, 56.6362**, and if you desaturate by 10%, it is **42.5465, 52.1456, 59.6499**.

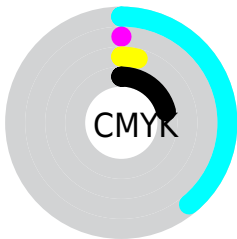
Distribution



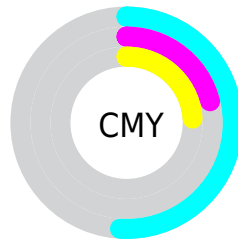
- Red (49%)
- Green (79%)
- Blue (76%)



- Red (49%)
- Yellow (65%)
- Blue (79%)



- Cyan (39%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)



- Cyan (51%)
- Magenta (21%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0583, 50.3764, 58.1171 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 39.0583, 50.3764, 58.1171 by changing the saturation by 10% instead.

■ 39.0583, 50.3764,
58.1171

■ 39.0583, 50.3764,
58.1171

333.3412,
388.1361, 435.2326

■ 26.9860, 35.7126,
41.4875

■ 73.0209, 90.7323,
103.6098

■ 17.6993, 24.2123,
28.3776

■ 95.6419, 117.1932,
133.3100

■ 10.8327, 15.4912,
18.3690

■ 122.5098,
148.3552, 168.2041

■ 6.0209, 9.1648,
11.0431

153.9901,
184.6027, 208.7107

■ 2.8986, 4.8488,
5.9813

190.4480,
226.3202, 255.2483

■ 1.1003, 2.1588,
2.7651

232.2489,

■ 0.0254, 0.6974,

273.8920, 308.2354

0.9760

279.7582,
327.7025, 368.0907

■ 0.0000, 0.0000,
0.0000

■ 39.0583, 50.3764,
58.1171

■ 39.0583, 50.3764,
58.1171

■ 36.1751, 48.9211,
56.6362

■ 42.5465, 52.1456,
59.6499

■ 33.8557, 47.7548,
55.2018

■ 46.6690, 54.2400,
61.2329

■ 32.0607, 46.8583,
53.8133


■ 51.4583, 56.6778,
62.8686


■ 30.7439, 46.2079,
52.4682


■ 56.9437, 59.4739,
64.5586


■ 29.8507, 45.7753,
51.1639

■ 63.1524, 62.6424,
66.3043


 29.2945, 45.5161,
49.8964

 70.1103, 66.1966,
68.1069

 29.2268, 45.4849,
49.7227

 73.9098, 68.1222,
69.7836

 74.2013, 68.2387,
71.3183

 74.4969, 68.3570,
72.8753

Harmonies

Analogous

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



39.6761, 50.3764, 44.8084



39.0583, 50.3764, 58.1171



40.6710, 50.3764, 72.7888

Triad

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



39.0583, 50.3764, 58.1171



53.7917, 50.3764, 79.6448



51.7253, 50.3764, 33.4674

Complementary

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



39.0583, 50.3764, 58.1171



35.8001, 28.6666, 25.8384

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.



55.8970, 50.3764, 40.1331



39.0583, 50.3764, 58.1171



57.1462, 50.3764, 66.2928

Square

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



39.0583, 50.3764, 58.1171



49.0084, 50.3764, 86.5262



57.9419, 50.3764, 51.7103



46.7715, 50.3764, 32.0379

Rectangle

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



39.0583, 50.3764, 58.1171



42.8639, 50.3764, 80.8830



57.9419, 50.3764, 51.7103



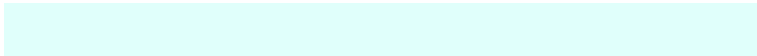
53.2757, 50.3764, 35.1065

Sweetspot

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



39.0598, 50.3784, 58.1183



84.1111, 94.4259, 105.4473



34.4488, 48.6930, 26.6527



17.7709, 20.0927, 22.4914



0.0000, 0.0000, 0.0000



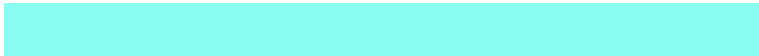
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0598, 50.3784, 58.1183



62.1380, 83.2762, 96.3804



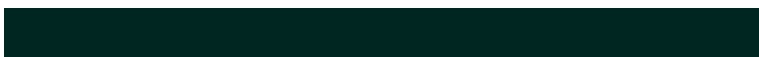
33.7459, 38.0941, 61.4537



11.4853, 12.7039, 14.1132



18.8275, 29.2763, 32.1064



0.9875, 1.5168, 1.7417

Inverse Universe

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



35.8001, 28.6666, 25.8384



55.8907, 41.5931, 34.4620



39.5360, 37.0916, 24.1453



11.2641, 11.2344, 11.9254



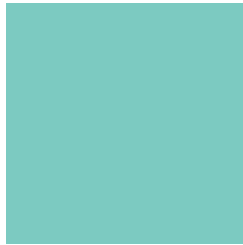
15.7922, 8.1275, 1.3583



0.8328, 0.4265, 0.1652

Previews

White Background



This preview shows how the XYZ color 39.0583, 50.3764, 58.1171 looks on a white background.

Color Contrast Check

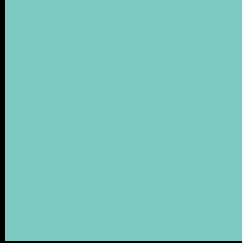
Large Text (above 18pt) WCAG AA × Fail

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 39.0583, 50.3764, 58.1171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

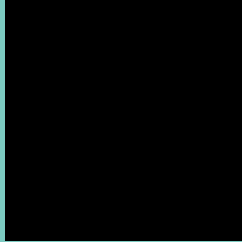
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

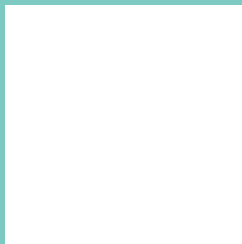
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0583, 50.3764, 58.1171

Background



This preview shows how black text looks on a background with the XYZ color 39.0583, 50.3764, 58.1171.

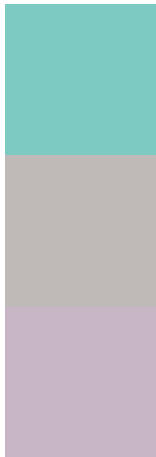


This preview shows how white text looks on a background with the XYZ color 39.0583, 50.3764,

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

39.0583, 50.3764, 58.1171

Protanopia

47.6965, 49.6549, 52.4179

Deuteranopia

50.8934, 49.9046, 59.7735



Tritanopia

41.8951, 50.4990, 71.8291

Trichromacy



Original Color

39.0583, 50.3764, 58.1171

Protanomaly

43.7556, 49.5026, 54.2625

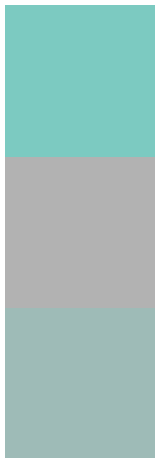
Deuteranomaly

45.3950, 49.2650, 59.3411

Tritanomaly

40.8188, 50.4027, 66.6088

Monochromacy



Original Color

39.0583, 50.3764, 58.1171

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

40.4181, 46.2286, 51.5925

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0583, 50.3764, 58.1171 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(124, 202, 193)` looks like.

```
.text, #text, p{  
    color:rgb(124, 202, 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(124, 202, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 202, 193) }
```

Border

The CSS property to change the border of an element to XYZ 39.0583, 50.3764, 58.1171 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(124, 202, 193) }
```


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

```
.border{ border-color:rgb(124, 202, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 202, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 202, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 202, 193);  
box-shadow:4px 4px 4px 4px rgb(124, 202,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0583, 50.3764, 58.1171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 202, 193) }
```

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

```
.background{ background-color: rgb(124,  
202, 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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