

Converting Colors

XYZ(38.9398, 48.2672, 50.9661)

Have a look what the booklet for
XYZ(38.9398, 48.2672, 50.9661)
contains.

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Color

**XYZ(39.0649, 48.4788,
51.0145)**

Conversions

Conversions Part 1

Format	Color
Hex	8DC4B5
RGB	141, 196, 181
RGB Percent	55%, 77%, 71%
CMY	0.4471, 0.2314, 0.2902
CMYK	0.28, 0.00, 0.08, 0.23
HSL	164°, 32%, 66%
HSV	164°, 28%, 77%
XYZ	39.0649, 48.4788, 51.0145
YIQ	177.8450, -27.9650, -16.3250

Conversions

Conversions Part 2

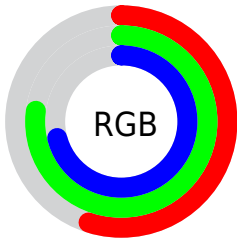
Format	Color
RYB	141, 173, 196
Decimal	9290933
CIELab	75.13, -21.03, 1.78
CIElCh	75, 21.108, 175.171
Yxy	48.4788, 0.2819, 0.3499
Android (android.graphics.Color)	4287481013 (0xFF8DC4B5)
YUV	177.8450, 1.5554, -32.3131
Hunter-Lab	69.6267, -21.6972, 5.2978

Details

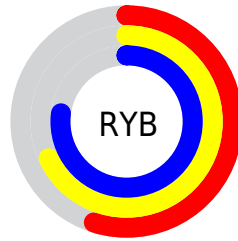
The XYZ color **39.0649, 48.4788, 51.0145** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.2922, 33.1870, 35.8419**, and the grayscale version is **42.2387, 44.4384, 48.3934**.

A 20% lighter version of the original color is **73.1763, 88.1007, 93.2691**, and **17.6891, 23.0284, 23.9347** is the 20% darker color. If you saturate the color by 10%, you get **35.4847, 46.6966, 48.0388**, and if you desaturate by 10%, it is **43.2587, 50.5774, 54.1309**.

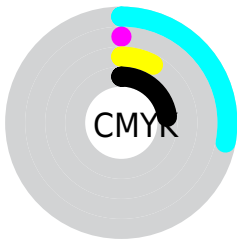
Distribution



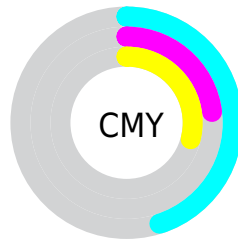
- Red (55%)
- Green (77%)
- Blue (71%)



- Red (55%)
- Yellow (68%)
- Blue (77%)



- Cyan (28%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)



- Cyan (45%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.0649, 48.4788, 51.0145 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 39.0649, 48.4788, 51.0145 by changing the saturation by 10% instead.

■ 39.0649, 48.4788,
51.0145

■ 39.0649, 48.4788,
51.0145

333.3688,
380.6868, 407.4683

■ 26.9912, 34.2062,
35.8433

■ 73.0309, 87.9169,
93.0879

■ 17.7031, 23.0521,
24.0245

■ 95.6539, 113.8511,
120.8273

■ 10.8355, 14.6320,
15.1394

122.5240,
144.4414, 153.5931

■ 6.0228, 8.5615,
8.7696

154.0065,
180.0721, 191.8039

■ 2.8997, 4.4563,
4.4964

190.4669,
221.1276, 235.8783

■ 1.1010, 1.9319,
1.9015

232.2705,

■ 0.0259, 0.5675,

267.9923, 286.2348

0.4937

279.7827,
321.0506, 343.2920

■ 0.0000, 0.0000,
0.0000

■ 39.0649, 48.4788,
51.0145

■ 39.0649, 48.4788,
51.0145

■ 35.4847, 46.6966,
48.0388

■ 43.2587, 50.5774,
54.1309

■ 32.4828, 45.2088,
45.1978

■ 48.0909, 53.0015,
57.3872

■ 30.0261, 43.9998,
42.4898

■ 53.5903, 55.7670,
60.7871

■ 28.0769, 43.0500,
39.9118

■ 59.7822, 58.8870,
64.3327

■ 26.5924, 42.3374,
37.4604

■ 66.6910, 62.3739,
68.0266

■ 25.5222, 41.8361,
35.1321

■ 73.0011, 65.5498,
71.8081

■ 24.7902, 41.5069,
32.9218

■ 73.6914, 65.8259,
75.4434

■ 24.6641, 41.4510,
32.5059

■ 74.4044, 66.1111,
79.1977

■ 75.1401, 66.4054,
83.0720

Harmonies

Analogous

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



40.2450, 48.4788, 41.5433



39.0649, 48.4788, 51.0145



39.6763, 48.4788, 62.3606

Triad

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



39.0649, 48.4788, 51.0145



49.3099, 48.4788, 74.4753



50.4517, 48.4788, 37.1769

Complementary

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



39.0649, 48.4788, 51.0145



38.2922, 33.1870, 35.8419

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.



53.1329, 48.4788, 44.2438



39.0649, 48.4788, 51.0145



52.4483, 48.4788, 65.8916

Square

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



39.0649, 48.4788, 51.0145



45.4552, 48.4788, 76.9485



53.8831, 48.4788, 54.5963



46.7058, 48.4788, 34.2975

Rectangle

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



39.0649, 48.4788, 51.0145



41.0366, 48.4788, 69.3566



53.8831, 48.4788, 54.5963



51.5155, 48.4788, 39.0890

Sweetspot

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



39.0663, 48.4808, 51.0156



87.0560, 95.9809, 103.9171



38.3726, 48.5313, 32.5450



18.3310, 20.3919, 22.0461



0.0000, 0.0000, 0.0000



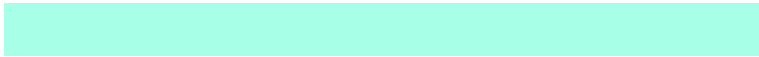
20.3446, 21.4041, 23.3091

Same Dimension

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



39.0663, 48.4808, 51.0156



66.4459, 85.6672, 88.8953



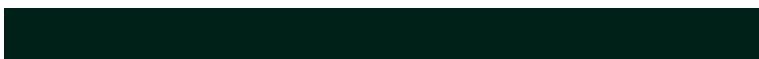
38.1076, 43.9656, 58.7047



10.2475, 11.3801, 12.3067



15.8847, 26.6480, 21.0839



0.7140, 1.1625, 1.0568

Inverse Universe

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



38.2922, 33.1870, 35.8419



64.8068, 53.1796, 56.6882



38.9518, 36.4154, 30.1759



10.1836, 10.1220, 11.0571



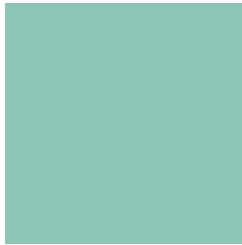
15.0787, 7.7212, 3.0607



0.6815, 0.3456, 0.2904

Previews

White Background



This preview shows how the XYZ color 39.0649, 48.4788, 51.0145 looks on a white background.

Color Contrast Check

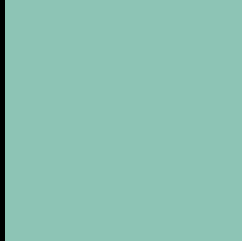
Large Text (above 18pt) WCAG AA × Fail

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 39.0649, 48.4788, 51.0145 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

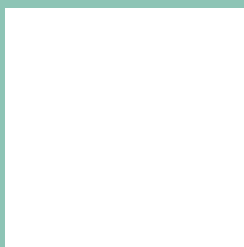
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.0649, 48.4788, 51.0145

Background



This preview shows how black text looks on a background with the XYZ color 39.0649, 48.4788, 51.0145.

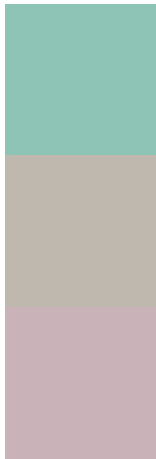


This preview shows how white text looks on a background with the XYZ color 39.0649, 48.4788,

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

39.0649, 48.4788, 51.0145

Protanopia

46.0157, 48.2841, 46.9389

Deuteranopia

49.0345, 47.9001, 52.5602



Tritanopia

42.1447, 48.4073, 66.1538

Trichromacy



Original Color

39.0649, 48.4788, 51.0145

Protanomaly

42.9323, 47.9114, 48.5800

Deuteranomaly

44.8231, 47.8619, 52.2232

Tritanomaly

40.9401, 48.2369, 60.5790

Monochromacy



Original Color

39.0649, 48.4788, 51.0145

Achromatopsia

42.3164, 44.5201, 48.4824

Achromatomaly

41.0027, 45.9519, 49.3564

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.0649, 48.4788, 51.0145 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(141, 196, 181)` looks like.

```
.text, #text, p{  
    color:rgb(141, 196, 181)  
}
```

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(141, 196, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 196, 181) }
```

Border

The CSS property to change the border of an element to XYZ 39.0649, 48.4788, 51.0145 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(141, 196, 181) }
```


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

```
.border{ border-color:rgb(141, 196, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 196, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 196, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 196, 181);  
box-shadow:4px 4px 4px 4px rgb(141, 196,  
181) }
```

Background

The CSS property to change the background color of an element to XYZ 39.0649, 48.4788, 51.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 196, 181) }
```

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

```
.background{ background-color: rgb(141,  
196, 181) }
```

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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