

Converting Colors

XYZ(37.8380, 48.1096, 54.3055)

Have a look what the booklet for
XYZ(37.8380, 48.1096, 54.3055)
contains.

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Color

**XYZ(37.8380, 48.1096,
54.3055)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 80C5BB |
| RGB | 128, 197, 187 |
| RGB Percent | 50%, 77%, 73% |
| CMY | 0.4980, 0.2274, 0.2667 |
| CMYK | 0.35, 0.00, 0.05, 0.23 |
| HSL | 171°, 37%, 64% |
| HSV | 171°, 35%, 77% |
| XYZ | 37.8380, 48.1096, 54.3055 |
| YIQ | 175.2290, -37.9140, -17.7380 |

Conversions

Conversions Part 2

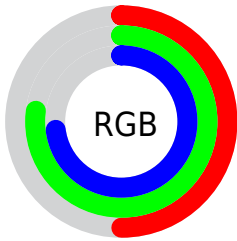
| Format | Color |
|-------------------------------------|------------------------------------------------|
| RYB | 128, 165, 197 |
| Decimal | 8439227 |
| CIELab | 74.89, -23.97, -1.89 |
| CIELCh | 75, 24.041, 184.519 |
| Yxy | 48.1096, 0.2698, 0.3430 |
| Android (android.graphics.Color) | 4286629307 (0xFF80C5BB) |
| YUV | 175.2290, 5.8031, -41.4198 |
| Hunter-Lab | 69.3611, -24.0062, 2.1323 |

Details

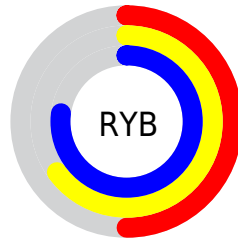
The XYZ color **37.8380, 48.1096, 54.3055** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.3343, 29.1450, 27.8099**, and the grayscale version is **40.8522, 42.9797, 46.8049**.

A 20% lighter version of the original color is **71.1479, 87.4220, 97.9183**, and **17.0272, 22.8620, 26.0696** is the 20% darker color. If you saturate the color by 10%, you get **34.8553, 46.6081, 52.5867**, and if you desaturate by 10%, it is **41.4049, 49.9139, 56.0855**.

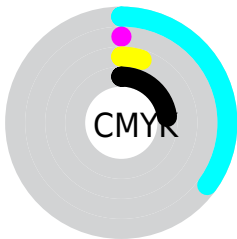
Distribution



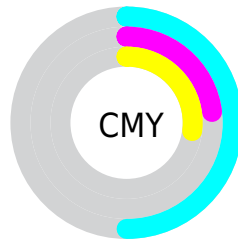
- Red (50%)
- Green (77%)
- Blue (73%)



- Red (50%)
- Yellow (65%)
- Blue (77%)



- Cyan (35%)
- Magenta (0%)
- Yellow (5%)
- Black (23%)



- Cyan (50%)
- Magenta (23%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 37.8380, 48.1096, 54.3055 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 37.8380, 48.1096, 54.3055 by changing the saturation by 10% instead.

■ 37.8380, 48.1096,
54.3055

■ 37.8380, 48.1096,
54.3055

328.2174,
379.2264, 420.4814

■ 26.0336, 33.9137,
38.4511

■ 71.1653, 87.3676,
97.9836

■ 16.9816, 22.8273,
26.0285

■ 93.4189, 113.1984,
126.6444

■ 10.3166, 14.4660,
16.6190

■ 119.8863,
143.6764, 160.4110

■ 5.6732, 8.4455,
9.8041

150.9328,
179.1858, 199.7021

■ 2.6862, 4.3813,
5.1654

186.9238,
220.1111, 244.9361

■ 0.9901, 1.8891,
2.2842

228.2247,

■ 0.0000, 0.5418,

266.8367, 296.5317

0.7223

275.2008,
319.7470, 354.9073

■ 0.0000, 0.0000,
0.0000

■ 37.8380, 48.1096,
54.3055

■ 37.8380, 48.1096,
54.3055

■ 34.8553, 46.6081,
52.5867

■ 41.4049, 49.9139,
56.0855

■ 32.4191, 45.3865,
50.9240

■ 45.5825, 52.0312,
57.9249

■ 30.4939, 44.4276,
49.3166


■ 50.4008, 54.4780,
59.8264

■ 29.0383, 43.7101,
47.7623


■ 55.8866, 57.2683,
61.7914


■ 28.0041, 43.2092,
46.2588


■ 62.0652, 60.4149,
63.8214


 27.3329, 42.8947,
44.8031

 68.9605, 63.9303,
65.9174

 27.0766, 42.7780,
44.0940

 72.4686, 65.6988,
67.8878

 72.8210, 65.8398,
69.7434

 73.1797, 65.9832,
71.6325

Harmonies

Analogous

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



38.5410, 48.1096, 42.6810



37.8380, 48.1096, 54.3055



39.1357, 48.1096, 67.2665

Triad

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



37.8380, 48.1096, 54.3055



50.6646, 48.1096, 74.8631



49.4447, 48.1096, 33.4951

Complementary

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



37.8380, 48.1096, 54.3055



35.3343, 29.1450, 27.8099

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.



53.0191, 48.1096, 39.8751



37.8380, 48.1096, 54.3055



53.7544, 48.1096, 63.4544

Square

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



37.8380, 48.1096, 54.3055



46.3931, 48.1096, 80.2788



54.6421, 48.1096, 50.5068



45.0668, 48.1096, 31.8383

Rectangle

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



37.8380, 48.1096, 54.3055



41.0127, 48.1096, 74.5687



54.6421, 48.1096, 50.5068



50.7888, 48.1096, 35.1023

Sweetspot

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



37.8394, 48.1115, 54.3066



84.8249, 94.8036, 105.0403



34.4033, 46.9262, 27.6674



17.9081, 20.1660, 22.3832



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.



37.8394, 48.1115, 54.3066



63.6049, 84.0667, 94.9038



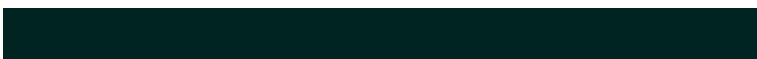
33.8964, 38.4517, 58.4610



10.8781, 12.0401, 13.3080



17.8327, 28.1455, 29.1272



0.8629, 1.3401, 1.4769

Inverse Universe

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



35.3343, 29.1450, 27.8099



58.4633, 45.0681, 40.4680



38.1765, 35.9356, 25.3471



10.6955, 10.6616, 11.3796



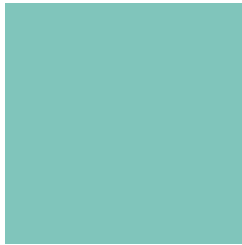
15.3066, 7.8722, 1.5583



0.7455, 0.3810, 0.1829

Previews

White Background



This preview shows how the XYZ color 37.8380, 48.1096, 54.3055 looks on a white background.

Color Contrast Check

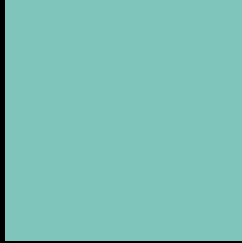
Large Text (above 18pt) WCAG AA × Fail

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 37.8380, 48.1096, 54.3055 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

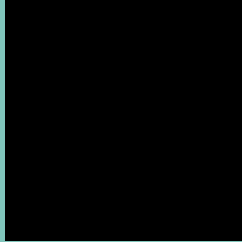
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 37.8380, 48.1096, 54.3055

Background



This preview shows how black text looks on a background with the XYZ color 37.8380, 48.1096, 54.3055.

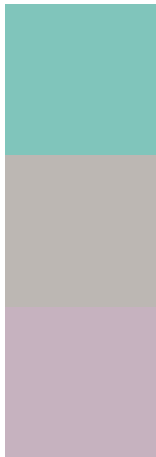


This preview shows how white text looks on a background with the XYZ color 37.8380, 48.1096,

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

37.8380, 48.1096, 54.3055

Protanopia

45.8092, 47.8130, 49.4623

Deuteranopia

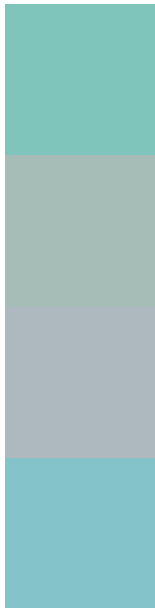
48.6131, 47.6081, 55.9173



Tritanopia

40.4733, 48.1736, 67.4869

Trichromacy



Original Color

37.8380, 48.1096, 54.3055

Protanomaly

42.1526, 47.4508, 51.1932

Deuteranomaly

43.8768, 47.2999, 55.5324

Tritanomaly

39.4178, 48.0726, 62.4597

Monochromacy



Original Color

37.8380, 48.1096, 54.3055

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.1707, 44.3907, 49.1516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 37.8380, 48.1096, 54.3055 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(128, 197, 187)` looks like.

```
.text, #text, p{  
    color:rgb(128, 197, 187)  
}
```

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(128, 197, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 197, 187) }
```

Border

The CSS property to change the border of an element to XYZ 37.8380, 48.1096, 54.3055 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(128, 197, 187) }
```


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

```
.border{ border-color:rgb(128, 197, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 197, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 197, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 197, 187);  
box-shadow:4px 4px 4px 4px rgb(128, 197,  
187) }
```

Background

The CSS property to change the background color of an element to XYZ 37.8380, 48.1096, 54.3055 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 197, 187) }
```

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

```
.background{ background-color: rgb(128,  
197, 187) }
```

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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