

Converting Colors

XYZ(48.1783, 54.8586, 57.9331)

Have a look what the booklet for
XYZ(48.1783, 54.8586, 57.9331)
contains.

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Color

**XYZ(48.0803, 54.6930,
57.8919)**

Conversions

Conversions Part 1

Format	Color
Hex	AFC9C0
RGB	175, 201, 192
RGB Percent	69%, 79%, 75%
CMY	0.3137, 0.2117, 0.2471
CMYK	0.13, 0.00, 0.04, 0.21
HSL	159°, 19%, 74%
HSV	159°, 13%, 79%
XYZ	48.0803, 54.6930, 57.8919
YIQ	192.2000, -12.6070, -8.3110

Conversions

Conversions Part 2

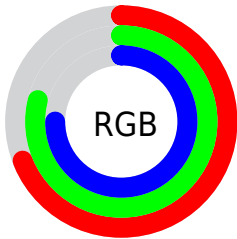
Format	Color
RYB	175, 191, 201
Decimal	11520448
CIELab	78.86, -10.50, 1.53
CIELCh	79, 10.614, 171.693
Yxy	54.6930, 0.2993, 0.3404
Android (android.graphics.Color)	4289710528 (0xFFAFC9C0)
YUV	192.2000, -0.0986, -15.0844
Hunter-Lab	73.9547, -13.3723, 5.3560

Details

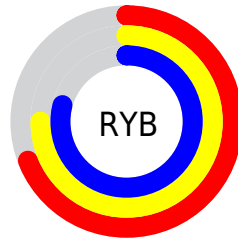
The XYZ color **48.0803, 54.6930, 57.8919** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **48.0711, 46.5396, 51.7994**, and the grayscale version is **50.2268, 52.8425, 57.5455**.

A 20% lighter version of the original color is **85.6583, 95.2862, 102.6843**, and **23.1200, 26.8691, 28.3938** is the 20% darker color. If you saturate the color by 10%, you get **43.1477, 52.2387, 53.7312**, and if you desaturate by 10%, it is **53.7240, 57.5127, 62.2785**.

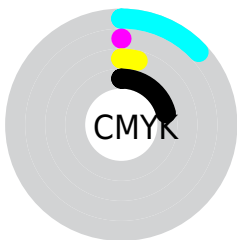
Distribution



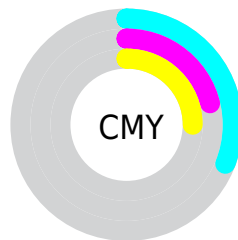
- Red (69%)
- Green (79%)
- Blue (75%)



- Red (69%)
- Yellow (75%)
- Blue (79%)



- Cyan (13%)
- Magenta (0%)
- Yellow (4%)
- Black (21%)



- Cyan (31%)
- Magenta (21%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.0803, 54.6930, 57.8919 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 48.0803, 54.6930, 57.8919 by changing the saturation by 10% instead.

■ 48.0803, 54.6930,
57.8919

■ 48.0803, 54.6930,
57.8919

369.6876,
404.7471, 434.3700

■ 34.1020, 39.1560,
41.3076

■ 86.5329, 97.0910,
103.2786

■ 23.1352, 26.8811,
28.2380

111.7380,
124.7208, 132.9182

■ 14.8146, 17.4839,
18.2646

141.4159,
157.1503, 167.7466

■ 8.7749, 10.5801,
10.9687

175.9322,
194.7639, 208.1823

■ 4.6506, 5.7853,
5.9319

215.6522,
237.9459, 254.6440

■ 2.0764, 2.7149,
2.7356

260.9412,

■ 0.6763, 0.9848,

287.0809, 307.5502

0.9613

312.1645,
342.5532, 367.3193

■ 0.0000, 0.0000,
0.0000

■ 48.0803, 54.6930,
57.8919

■ 48.0803, 54.6930,
57.8919

■ 43.1477, 52.2387,
53.7312

■ 53.7240, 57.5127,
62.2785

■ 38.8915, 50.1274,
49.7889

■ 60.1024, 60.7054,
66.8913

■ 35.2810, 48.3448,
46.0618

■ 67.2437, 64.2871,
71.7351

■ 32.2812, 46.8731,
42.5458

■ 75.0246, 68.1941,
76.8068

■ 29.8536, 45.6924,
39.2361

■ 75.9649, 68.5702,
81.7587

■ 27.9553, 44.7806,
36.1280

■ 76.9441, 68.9619,
86.9149

■ 26.5369, 44.1123,
33.2163

■ 77.9626, 69.3693,
92.2780

■ 25.5390, 43.6571,
30.4952

■ 79.0207, 69.7925,
97.8502

■ 25.0123, 43.4252,
28.6827

■ 80.1190, 70.2318,
103.6338

Harmonies

Analogous

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



48.8717, 54.6930, 52.6498



48.0803, 54.6930, 57.8919



48.3125, 54.6930, 63.9404

Triad

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



48.0803, 54.6930, 57.8919



53.4948, 54.6930, 70.9868



54.5341, 54.6930, 50.9091

Complementary

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



48.0803, 54.6930, 57.8919



48.0711, 46.5396, 51.7994

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.



55.8371, 54.6930, 55.3680



48.0803, 54.6930, 57.8919



55.2258, 54.6930, 67.0312

Square

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



48.0803, 54.6930, 57.8919



51.4013, 54.6930, 71.7760



56.0936, 54.6930, 61.2423



52.5712, 54.6930, 48.8001

Rectangle

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



48.0803, 54.6930, 57.8919



49.0193, 54.6930, 67.6005



56.0936, 54.6930, 61.2423



55.0660, 54.6930, 52.1680

Sweetspot

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



48.0818, 54.6953, 57.8931



90.8330, 97.8911, 105.7619



48.4175, 55.0735, 48.6368



19.2772, 20.8704, 22.5126



0.0000, 0.0000, 0.0000



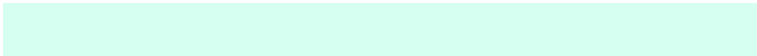
20.3446, 21.4041, 23.3091

Same Dimension

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



48.0818, 54.6953, 57.8931



79.4083, 92.1896, 96.7295



48.2126, 53.3111, 63.0100



10.7847, 12.0028, 12.8163



15.7706, 27.3206, 18.2683



0.7799, 1.3069, 1.0397

Inverse Universe

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



48.0711, 46.5396, 51.7994



79.3861, 75.0740, 83.9430



47.9271, 47.7143, 47.2421



10.7829, 10.6966, 11.8402



15.8715, 8.0981, 4.5330



0.7857, 0.3971, 0.3947

Previews

White Background



This preview shows how the XYZ color 48.0803, 54.6930, 57.8919 looks on a white background.

Color Contrast Check

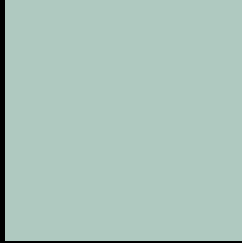
Large Text (above 18pt) WCAG AA × Fail

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 48.0803, 54.6930, 57.8919 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

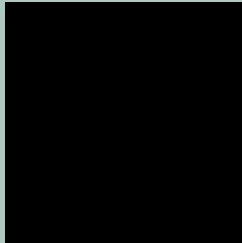
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

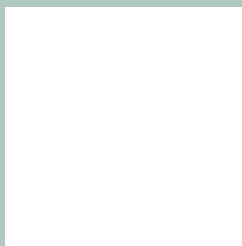
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.0803, 54.6930, 57.8919

Background



This preview shows how black text looks on a background with the XYZ color 48.0803, 54.6930, 57.8919.



This preview shows how white text looks on a background with the XYZ color 48.0803, 54.6930,

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

48.0803, 54.6930, 57.8919

Protanopia

52.1883, 54.4938, 55.3447

Deuteranopia

55.7795, 54.6315, 59.2348



Tritanopia

50.7947, 54.7760, 70.8464

Trichromacy



Original Color

48.0803, 54.6930, 57.8919

Protanomaly

50.6374, 54.6830, 56.0301

Deuteranomaly

52.6270, 54.3143, 58.7489

Tritanomaly

49.8030, 54.7196, 65.6947

Monochromacy



Original Color

48.0803, 54.6930, 57.8919

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

49.2792, 53.2751, 57.5550

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.0803, 54.6930, 57.8919 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(175, 201, 192)` looks like.

```
.text, #text, p{  
    color:rgb(175, 201, 192)  
}
```

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(175, 201, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 201, 192) }
```

Border

The CSS property to change the border of an element to XYZ 48.0803, 54.6930, 57.8919 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(175, 201, 192) }
```


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

```
.border{ border-color:rgb(175, 201, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 201, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 201, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 201, 192);  
box-shadow:4px 4px 4px 4px rgb(175, 201,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 48.0803, 54.6930, 57.8919 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 201, 192) }
```

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

```
.background{ background-color: rgb(175,  
201, 192) }
```

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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