

Converting Colors

XYZ(49.0109, 54.9361, 57.6827)

Have a look what the booklet for
XYZ(49.0109, 54.9361, 57.6827)
contains.

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Color

**XYZ(48.9911, 54.8176,
57.8679)**

Conversions

Conversions Part 1

Format	Color
Hex	B4C8C0
RGB	180, 200, 192
RGB Percent	71%, 78%, 75%
CMY	0.2941, 0.2157, 0.2471
CMYK	0.10, 0.00, 0.04, 0.22
HSL	156°, 15%, 75%
HSV	156°, 10%, 78%
XYZ	48.9911, 54.8176, 57.8679
YIQ	193.1080, -9.3520, -6.7280

Conversions

Conversions Part 2

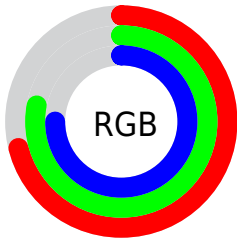
Format	Color
RYB	180, 193, 200
Decimal	11847872
CIELab	78.94, -8.31, 1.68
CIELCh	79, 8.481, 168.574
Yxy	54.8176, 0.3030, 0.3391
Android (android.graphics.Color)	4290037952 (0xFFB4C8C0)
YUV	193.1080, -0.5462, -11.4957
Hunter-Lab	74.0389, -11.4557, 5.4869

Details

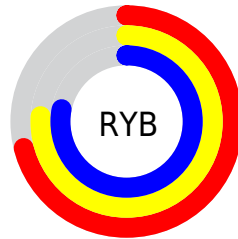
The XYZ color **48.9911, 54.8176, 57.8679** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.2198, 48.5542, 54.3573**, and the grayscale version is **50.7604, 53.4039, 58.1568**.

A 20% lighter version of the original color is **87.2953, 96.1302, 102.7610**, and **23.6915, 26.9339, 28.3762** is the 20% darker color. If you saturate the color by 10%, you get **43.8044, 52.2450, 53.1226**, and if you desaturate by 10%, it is **54.9010, 57.7605, 62.9010**.

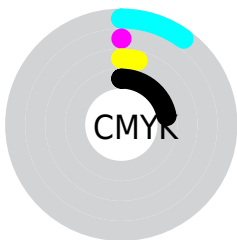
Distribution



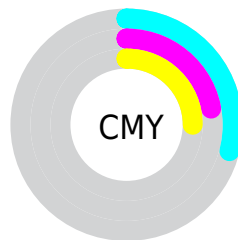
- Red (71%)
- Green (78%)
- Blue (75%)



- Red (71%)
- Yellow (76%)
- Blue (78%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (29%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 48.9911, 54.8176, 57.8679 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 48.9911, 54.8176, 57.8679 by changing the saturation by 10% instead.

■ 48.9911, 54.8176,
57.8679

■ 48.9911, 54.8176,
57.8679

373.2248,
405.2201, 434.2780

■ 34.8269, 39.2557,
41.2885

■ 87.8790, 97.2737,
103.2433

■ 23.6955, 26.9587,
28.2232

113.3335,
124.9366, 132.8764

■ 15.2314, 17.5422,
18.2534

143.2821,
157.4020, 167.6978

■ 9.0693, 10.6218,
10.9608

178.0902,
195.0543, 208.1260

■ 4.8439, 5.8132,
5.9266

218.1232,
238.2779, 254.5796

■ 2.1898, 2.7318,
2.7324

263.7464,

■ 0.7373, 0.9934,

287.4571, 307.4771

0.9597

315.3251,
342.9764, 367.2371

■ 0.0000, 0.0000,
0.0000

■ 48.9911, 54.8176,
57.8679

■ 48.9911, 54.8176,
57.8679

■ 43.8044, 52.2450,
53.1226

■ 54.9010, 57.7605,
62.9010

■ 39.3068, 50.0206,
48.6562

■ 61.5571, 61.0810,
68.2235

■ 35.4685, 48.1307,
44.4643

■ 68.9871, 64.7946,
73.8415

■ 32.2554, 46.5577,
40.5411

■ 75.3511, 67.9529,
79.6726

■ 29.6303, 45.2828,
36.8808

■ 76.4624, 68.3974,
85.5246

■ 27.5519, 44.2845,
33.4768

■ 77.6255, 68.8627,
91.6492

■ 25.9733, 43.5389,
30.3227

■ 78.8410, 69.3489,
98.0500

■ 24.8390, 43.0174,
27.4110

■ 79.9453, 69.7906,
103.8651

■ 24.0445, 42.6663,
24.7323

Harmonies

Analogous

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



49.7109, 54.8176, 53.7563



48.9911, 54.8176, 57.8679



49.0915, 54.8176, 62.6915

Triad

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



48.9911, 54.8176, 57.8679



53.1413, 54.8176, 68.9209



54.2755, 54.8176, 52.9969

Complementary

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



48.9911, 54.8176, 57.8679



49.2198, 48.5542, 54.3573

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.



55.2341, 54.8176, 56.7801



48.9911, 54.8176, 57.8679



54.5696, 54.8176, 66.0388

Square

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



48.9911, 54.8176, 57.8679



51.4634, 54.8176, 69.2510



55.3429, 54.8176, 61.5439



52.7469, 54.8176, 51.0468

Rectangle

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



48.9911, 54.8176, 57.8679



49.6105, 54.8176, 65.6612



55.3429, 54.8176, 61.5439



54.6765, 54.8176, 54.0867

Sweetspot

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



48.9926, 54.8199, 57.8691



91.8024, 98.3823, 106.1962



49.7156, 55.3400, 51.2423



19.4680, 20.9675, 22.5774



0.0000, 0.0000, 0.0000



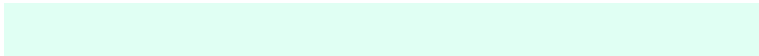
20.3446, 21.4041, 23.3091

Same Dimension

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



48.9926, 54.8199, 57.8691



82.7656, 93.8877, 98.3618



49.5199, 54.4165, 62.5397



10.7601, 11.9929, 12.6868



15.3328, 27.1455, 15.9632



0.7611, 1.2994, 0.9406

Inverse Universe

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



49.2198, 48.5542, 54.3573



83.2372, 80.8801, 91.0718



48.7191, 48.8956, 50.0509



10.8067, 10.7061, 11.9656



16.1080, 8.1927, 5.7784



0.7983, 0.4022, 0.4612

Previews

White Background



This preview shows how the XYZ color 48.9911, 54.8176, 57.8679 looks on a white background.

Color Contrast Check

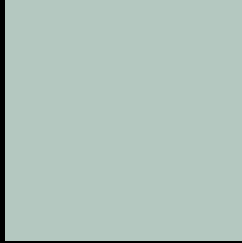
Large Text (above 18pt) WCAG AA × Fail

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 48.9911, 54.8176, 57.8679 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

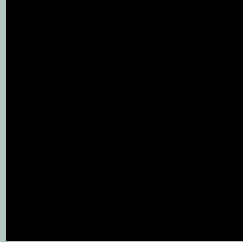
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

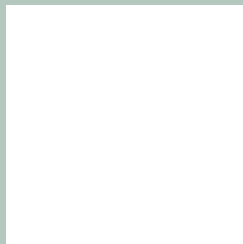
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 48.9911, 54.8176, 57.8679

Background



This preview shows how black text looks on a background with the XYZ color 48.9911, 54.8176, 57.8679.



This preview shows how white text looks on a background with the XYZ color 48.9911, 54.8176,

57.8679.

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

48.9911, 54.8176, 57.8679

Protanopia

52.2965, 54.5371, 55.9145

Deuteranopia

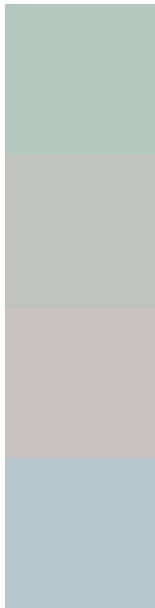
55.6668, 54.5864, 58.6412



Tritanopia

51.5049, 54.8039, 70.8144

Trichromacy



Original Color

48.9911, 54.8176, 57.8679

Protanomaly

51.0265, 54.5350, 56.5521

Deuteranomaly

53.0527, 54.5467, 58.1845

Tritanomaly

50.5049, 54.7410, 65.6618

Monochromacy



Original Color

48.9911, 54.8176, 57.8679

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

50.1046, 54.0215, 58.2385

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.9911, 54.8176, 57.8679 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(180, 200, 192)` looks like.

```
.text, #text, p{  
    color:rgb(180, 200, 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(180, 200, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 200, 192) }
```

Border

The CSS property to change the border of an element to XYZ 48.9911, 54.8176, 57.8679 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(180, 200, 192) }
```


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

```
.border{ border-color:rgb(180, 200, 192) }
```

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

Here you see how a box with a 4 pixel rgb(180, 200, 192) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 200, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 200, 192);  
box-shadow:4px 4px 4px 4px rgb(180, 200,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 48.9911, 54.8176, 57.8679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 200, 192) }
```

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

```
.background{ background-color: rgb(180,  
200, 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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