

Converting Colors

XYZ(54.3503, 60.1975, 67.9795)

Have a look what the booklet for
XYZ(54.3503, 60.1975, 67.9795)
contains.

XYZ(54.3119, 60.1815, 67.7851)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.3119, 60.1815,
67.7851)**

Conversions

Conversions Part 1

Format	Color
Hex	BBD0CF
RGB	187, 208, 207
RGB Percent	73%, 82%, 81%
CMY	0.2667, 0.1843, 0.1882
CMYK	0.10, 0.00, 0.00, 0.18
HSL	177°, 18%, 77%
HSV	177°, 10%, 82%
XYZ	54.3119, 60.1815, 67.7851
YIQ	201.6070, -12.1950, -4.7630

Conversions

Conversions Part 2

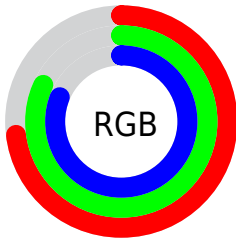
Format	Color
R _Y B	187, 198, 208
Decimal	12308687
CIE Lab	81.94, -7.23, -1.92
CIE LCh	82, 7.480, 194.854
Yxy	60.1815, 0.2980, 0.3302
Android (android.graphics.Color)	4290498767 (0xFFBBD0CF)
YUV	201.6070, 2.6587, -12.8103
Hunter-Lab	77.5767, -10.7905, 2.4972

Details

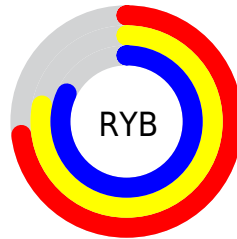
The XYZ color **54.3119, 60.1815, 67.7851** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.8621, 52.5831, 54.9432**, and the grayscale version is **55.8850, 58.7954, 64.0282**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **27.1369, 30.4794, 34.5898** is the 20% darker color. If you saturate the color by 10%, you get **49.4667, 57.6993, 66.9276**, and if you desaturate by 10%, it is **59.8984, 63.0490, 68.6838**.

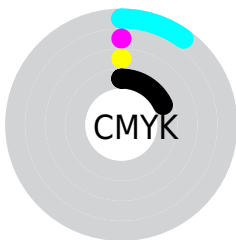
Distribution



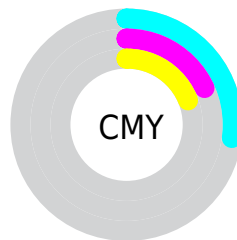
- Red (73%)
- Green (82%)
- Blue (81%)



- Red (73%)
- Yellow (78%)
- Blue (82%)



- Cyan (10%)
- Magenta (0%)
- Yellow (0%)
- Black (18%)



- Cyan (27%)
- Magenta (18%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3119, 60.1815, 67.7851 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 54.3119, 60.1815, 67.7851 by changing the saturation by 10% instead.

■ 54.3119, 60.1815,
67.7851

■ 54.3119, 60.1815,
67.7851

393.4772,
425.2665, 471.3116

■ 39.0827, 43.5649,
49.2573

■ 95.6863, 105.0929,
117.6960

■ 27.0051, 30.3286,
34.4566

122.5622,
134.1566, 149.9161

■ 17.7137, 20.0882,
22.9644

154.0510,
168.1380, 187.5375

■ 10.8431, 12.4591,
14.3622

190.5182,
207.4217, 230.9787

■ 6.0279, 7.0572,
8.2314

232.3291,
252.3920, 280.6581

■ 2.9029, 3.4979,
4.1535

279.8490,

■ 1.1026, 1.3969,

303.4333, 336.9944

1.7099

333.4432,
360.9300, 400.4060

■ 0.0273, 0.2144,
0.3675

■ 0.0000, 0.0000,
0.0000

■ 54.3119, 60.1815,
67.7851

■ 54.3119, 60.1815,
67.7851

■ 49.4667, 57.6993,
66.9276

■ 59.8984, 63.0490,
68.6838

■ 45.3260, 55.5786,
66.1057

■ 66.2506, 66.3095,
69.6212

■ 41.8579, 53.8045,
65.3193

■ 73.3984, 69.9801,
70.5997

■ 39.0255, 52.3582,
64.5666

■ 75.5517, 71.0758,
71.3485

36.7890, 51.2188,
63.8458

75.6766, 71.1258,
72.0064

35.1035, 50.3635,
63.1547

75.8023, 71.1761,
72.6684

33.9183, 49.7659,
62.4910

75.9288, 71.2267,
73.3345

33.1729, 49.3950,
61.8518

76.0561, 71.2776,
74.0046

32.7582, 49.1944,
61.2378

76.1841, 71.3288,
74.6788

Harmonies

Analogous

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



54.3158, 60.1815, 63.2785



54.3119, 60.1815, 67.7851



55.0723, 60.1815, 71.8628

Triad

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



54.3119, 60.1815, 67.7851



59.3721, 60.1815, 71.8962



57.9988, 60.1815, 57.4765

Complementary

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



54.3119, 60.1815, 67.7851



52.8621, 52.5831, 54.9432

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.



59.3833, 60.1815, 59.5758



54.3119, 60.1815, 67.7851



60.1860, 60.1815, 67.8290

Square

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



54.3119, 60.1815, 67.7851



57.9837, 60.1815, 74.3096



60.1902, 60.1815, 63.3204



56.4248, 60.1815, 57.4660

Rectangle

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



54.3119, 60.1815, 67.7851



55.9184, 60.1815, 73.7301



60.1902, 60.1815, 63.3204



58.5024, 60.1815, 57.9569

Sweetspot

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



54.3136, 60.1840, 67.7864



92.2326, 98.5543, 108.4614



52.2787, 59.3998, 55.7248



19.5844, 21.0141, 23.1903



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.



54.3136, 60.1840, 67.7864



84.4402, 94.5575, 107.1800



52.2005, 55.7609, 67.6890



12.1330, 13.3969, 15.0566



20.4262, 30.6634, 38.2203



1.1498, 1.7176, 2.1775

Inverse Universe

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



52.8621, 52.5831, 54.9432



81.7117, 80.2700, 83.0388



54.8258, 56.6831, 55.0661



11.8313, 11.8173, 12.3874



16.2564, 8.3754, 0.9906



0.9172, 0.4716, 0.0986

Previews

White Background



This preview shows how the XYZ color 54.3119, 60.1815, 67.7851 looks on a white background.

Color Contrast Check

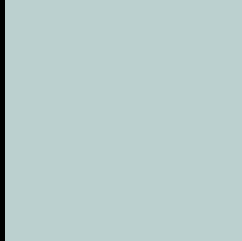
Large Text (above 18pt) WCAG AA × Fail

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 54.3119, 60.1815, 67.7851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

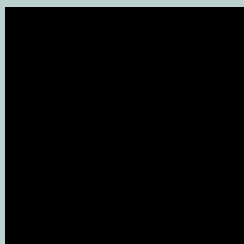
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

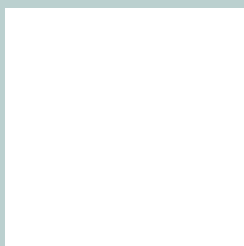
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3119, 60.1815, 67.7851

Background



This preview shows how black text looks on a background with the XYZ color 54.3119, 60.1815, 67.7851.

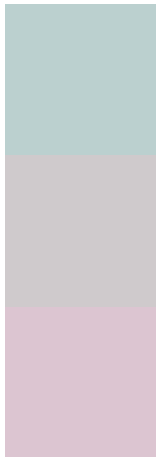


This preview shows how white text looks on a background with the XYZ color 54.3119, 60.1815,

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

54.3119, 60.1815, 67.7851

Protanopia

57.7517, 59.8661, 65.6382

Deuteranopia

60.9901, 59.7516, 68.6403



Tritanopia

56.4913, 60.3637, 77.7812

Trichromacy



Original Color

54.3119, 60.1815, 67.7851

Protanomaly

56.4317, 59.8729, 66.3400

Deuteranomaly

58.2842, 59.7373, 68.1330

Tritanomaly

55.8235, 60.4542, 74.3723

Monochromacy



Original Color

54.3119, 60.1815, 67.7851

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.5179, 59.4157, 65.6690

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3119, 60.1815, 67.7851 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(187, 208, 207)` looks like.

```
.text, #text, p{  
    color:rgb(187, 208, 207)  
}
```

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(187, 208, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 208, 207) }
```

Border

The CSS property to change the border of an element to XYZ 54.3119, 60.1815, 67.7851 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(187, 208, 207) }
```


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

```
.border{ border-color:rgb(187, 208, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 208, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 208, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 208, 207); box-shadow:4px 4px 4px 4px rgb(187, 208, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3119, 60.1815, 67.7851 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 208, 207) }
```

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

```
.background{ background-color: rgb(187,  
208, 207) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor