

Converting Colors

XYZ(51.5901, 58.6980, 58.7717)

Have a look what the booklet for
XYZ(51.5901, 58.6980, 58.7717)
contains.

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Color

**XYZ(51.7056, 58.6662,
59.0506)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CFC1
RGB	184, 207, 193
RGB Percent	72%, 81%, 76%
CMY	0.2784, 0.1882, 0.2431
CMYK	0.11, 0.00, 0.07, 0.19
HSL	143°, 19%, 77%
HSV	143°, 11%, 81%
XYZ	51.7056, 58.6662, 59.0506
YIQ	198.5270, -9.2140, -9.2300

Conversions

Conversions Part 2

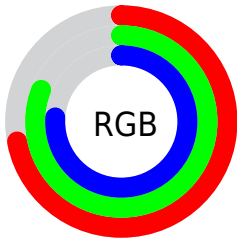
Format	Color
RYB	184, 201, 207
Decimal	12111809
CIELab	81.11, -10.40, 4.33
CIELCh	81, 11.267, 157.409
Yxy	58.6662, 0.3052, 0.3463
Android (android.graphics.Color)	4290301889 (0xFFB8CFC1)
YUV	198.5270, -2.7248, -12.7402
Hunter-Lab	76.5939, -13.5407, 7.9056

Details

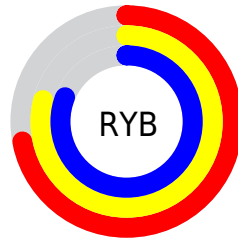
The XYZ color **51.7056, 58.6662, 59.0506** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0677, 51.6250, 60.5964**, and the grayscale version is **54.0187, 56.8319, 61.8899**.

A 20% lighter version of the original color is **88.7941, 96.8848, 103.6432**, and **25.4849, 29.5012, 29.1620** is the 20% darker color. If you saturate the color by 10%, you get **45.7589, 55.7578, 51.7447**, and if you desaturate by 10%, it is **58.5010, 62.0016, 67.0240**.

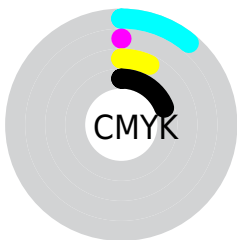
Distribution



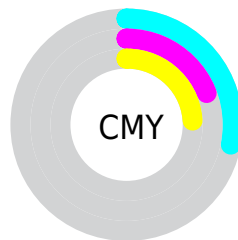
- Red (72%)
- Green (81%)
- Blue (76%)



- Red (72%)
- Yellow (79%)
- Blue (81%)



- Cyan (11%)
- Magenta (0%)
- Yellow (7%)
- Black (19%)



- Cyan (28%)
- Magenta (19%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 51.7056, 58.6662, 59.0506 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 51.7056, 58.6662, 59.0506 by changing the saturation by 10% instead.

■ 51.7056, 58.6662,
59.0506

■ 51.7056, 58.6662,
59.0506

383.6417,
419.6638, 438.7965

■ 36.9938, 42.3445,
42.2336

■ 91.8737, 102.8924,
104.9810

■ 25.3763, 29.3711,
28.9573

118.0607,
131.5656, 134.9315

■ 16.4879, 19.3617,
18.8032

148.8035,
165.1248, 170.0970

■ 9.9631, 11.9320,
11.3528

184.4675,
203.9543, 210.8958

■ 5.4366, 6.6974,
6.1875

225.4179,
248.4386, 257.7467

■ 2.5430, 3.2736,
2.8888

272.0202,

■ 0.9170, 1.2762,

298.9620, 311.0680

1.0381

324.6396,
355.9089, 371.2785

■ 0.0000, 0.1226,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 51.7056, 58.6662,
59.0506

■ 51.7056, 58.6662,
59.0506

■ 45.7589, 55.7578,
51.7447

■ 58.5010, 62.0016,
67.0240

■ 40.6217, 53.2516,
45.0852

■ 66.1725, 65.7728,
75.6775

■ 36.2588, 51.1313,
39.0557

■ 74.7523, 69.9978,
85.0283

■ 32.6305, 49.3770,
33.6375

■ 79.7931, 72.3835,
94.8822

■ 29.6934, 47.9667,
28.8109

■ 81.6039, 73.1078,
104.4180

■ 27.3994, 46.8759,
24.5551

■ 25.6935, 46.0768,
20.8483

■ 24.5110, 45.5364,
17.6666

■ 23.7988, 45.2218,
15.2573

Harmonies

Analogous

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



53.0695, 58.6662, 54.1720



51.7056, 58.6662, 59.0506



51.4134, 58.6662, 65.5549

Triad

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



51.7056, 58.6662, 59.0506



56.3431, 58.6662, 77.5380



59.4142, 58.6662, 56.3592

Complementary

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



51.7056, 58.6662, 59.0506



53.0677, 51.6250, 60.5964

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.



60.3459, 58.6662, 62.2290



51.7056, 58.6662, 59.0506



58.5409, 58.6662, 74.6781

Square

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



51.7056, 58.6662, 59.0506



54.0485, 58.6662, 76.5389



60.0220, 58.6662, 68.9606



57.5082, 58.6662, 52.6957

Rectangle

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



51.7056, 58.6662, 59.0506



51.8579, 58.6662, 69.9998



60.0220, 58.6662, 68.9606



59.8541, 58.6662, 58.1231

Sweetspot

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



51.7072, 58.6687, 59.0519



91.5505, 98.2815, 104.8698



54.3037, 60.1197, 54.0903



19.4001, 20.9403, 22.2195



0.0000, 0.0000, 0.0000



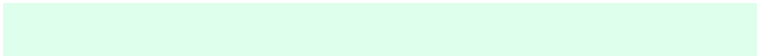
20.3446, 21.4041, 23.3091

Same Dimension

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



51.7072, 58.6687, 59.0519



80.8077, 93.0137, 92.1555



53.0190, 59.1934, 65.9598



11.8451, 13.2818, 13.5406



15.0370, 28.5077, 9.8408



0.8793, 1.6094, 0.7531

Inverse Universe

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



53.0677, 51.6250, 60.5964



83.3530, 79.8355, 95.0446



51.8101, 51.1220, 53.9740



12.1067, 11.9274, 13.8376



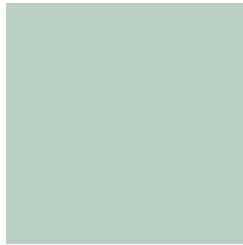
18.6331, 9.3261, 13.5062



1.0802, 0.5368, 0.9572

Previews

White Background



This preview shows how the XYZ color 51.7056, 58.6662, 59.0506 looks on a white background.

Color Contrast Check

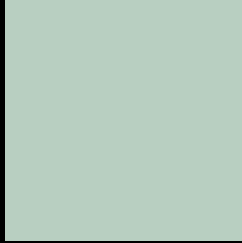
Large Text (above 18pt) WCAG AA × Fail

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 51.7056, 58.6662, 59.0506 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 51.7056, 58.6662, 59.0506

Background



This preview shows how black text looks on a background with the XYZ color 51.7056, 58.6662, 59.0506.



This preview shows how white text looks on a background with the XYZ color 51.7056, 58.6662,

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

51.7056, 58.6662, 59.0506

Protanopia

55.5717, 58.2481, 56.4582

Deuteranopia

59.6870, 58.2571, 60.3234



Tritanopia

54.8812, 58.5177, 75.4203

Trichromacy



Original Color

51.7056, 58.6662, 59.0506

Protanomaly

54.2034, 58.5717, 57.1638

Deuteranomaly

56.5682, 58.3423, 59.9095

Tritanomaly

53.7192, 58.4037, 69.4145

Monochromacy



Original Color

51.7056, 58.6662, 59.0506

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.4467, 57.7416, 61.1516

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.7056, 58.6662, 59.0506 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(184, 207, 193)` looks like.

```
.text, #text, p{  
    color:rgb(184, 207, 193)  
}
```

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(184, 207, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 207, 193) }
```

Border

The CSS property to change the border of an element to XYZ 51.7056, 58.6662, 59.0506 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(184, 207, 193) }
```


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

```
.border{ border-color:rgb(184, 207, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 207, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 207, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 207, 193);  
box-shadow:4px 4px 4px 4px rgb(184, 207,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 51.7056, 58.6662, 59.0506 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 207, 193) }
```

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

```
.background{ background-color: rgb(184,  
207, 193) }
```

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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