

Converting Colors

XYZ(57.9854, 66.6644, 70.8625)

Have a look what the booklet for
XYZ(57.9854, 66.6644, 70.8625)
contains.

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Color

**XYZ(57.9651, 66.5309,
70.7594)**

Conversions

Conversions Part 1

Format	Color
Hex	BCDCD2
RGB	188, 220, 210
RGB Percent	74%, 86%, 82%
CMY	0.2627, 0.1372, 0.1765
CMYK	0.15, 0.00, 0.05, 0.14
HSL	161°, 31%, 80%
HSV	161°, 15%, 86%
XYZ	57.9651, 66.5309, 70.7594
YIQ	209.2920, -15.8620, -9.8940

Conversions

Conversions Part 2

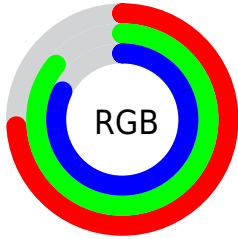
Format	Color
R _{YB}	188, 207, 220
Decimal	12377298
CIE Lab	85.27, -12.48, 1.36
CIE LCh	85, 12.554, 173.774
Yxy	66.5309, 0.2969, 0.3407
Android (android.graphics.Color)	4290567378 (0xFFBCDCD2)
YUV	209.2920, 0.3490, -18.6731
Hunter-Lab	81.5665, -15.8906, 5.6621

Details

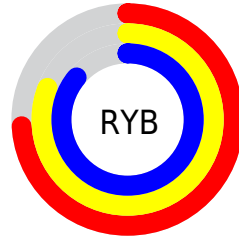
The XYZ color **57.9651, 66.5309, 70.7594** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **57.6939, 55.2611, 61.0548**, and the grayscale version is **60.8017, 63.9681, 69.6613**.

A 20% lighter version of the original color is **91.1182, 97.9731, 108.7160**, and **29.2874, 34.3789, 36.5447** is the 20% darker color. If you saturate the color by 10%, you get **52.1150, 63.6138, 66.1099**, and if you desaturate by 10%, it is **64.6820, 69.8943, 75.6445**.

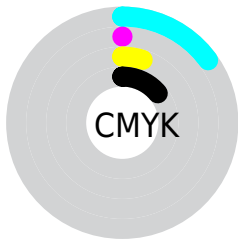
Distribution



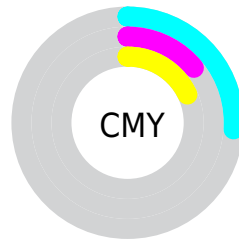
- Red (74%)
- Green (86%)
- Blue (82%)



- Red (74%)
- Yellow (81%)
- Blue (86%)



- Cyan (15%)
- Magenta (0%)
- Yellow (5%)
- Black (14%)



- Cyan (26%)
- Magenta (14%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9651, 66.5309, 70.7594 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 57.9651, 66.5309, 70.7594 by changing the saturation by 10% instead.

■ 57.9651, 66.5309,
70.7594

■ 57.9651, 66.5309,
70.7594

407.0118,
448.2732, 482.0729

■ 42.0237, 48.7035,
51.6652

■ 100.9953,
114.2480, 121.9823

■ 29.3111, 34.3843,
36.3579

128.8148,
144.9065, 154.9482

■ 19.4617, 23.1890,
24.4189

161.3245,
180.6107, 193.3750

■ 12.1104, 14.7331,
15.4296

198.8896,
221.7452, 237.6814

■ 6.8916, 8.6323,
8.9715

241.8756,
268.6943, 288.2858

■ 3.4401, 4.5021,
4.6260

290.6477,

■ 1.3906, 1.9582,

321.8424, 345.6069

1.9747

345.5713,
381.5739, 410.0630

■ 0.2495, 0.5830,
0.5396

■ 0.0000, 0.0000,
0.0000

■ 57.9651, 66.5309,
70.7594

■ 57.9651, 66.5309,
70.7594

■ 52.1150, 63.6138,
66.1099

■ 64.6820, 69.8943,
75.6445

■ 47.0883, 61.1151,
61.6873

■ 72.2954, 73.7137,
80.7647

■ 42.8462, 59.0167,
57.4889

■ 80.8405, 78.0090,
86.1253

■ 39.3447, 57.2961,
53.5101

■ 82.1949, 78.5930,
91.3486

■ 36.5350, 55.9280,
49.7460

■ 83.2221, 79.0039,
96.7578

■ 34.3624, 54.8845,
46.1916

■ 84.2883, 79.4304,
102.3724

■ 32.7636, 54.1327,
42.8412

■ 84.8844, 79.6689,
105.5115

■ 31.6614, 53.6332,
39.6885

■ 31.1997, 53.4310,
38.0483

Harmonies

Analogous

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



58.9354, 66.5309, 63.5930



57.9651, 66.5309, 70.7594



58.3726, 66.5309, 78.9248

Triad

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



57.9651, 66.5309, 70.7594



65.4609, 66.5309, 87.7029



66.5152, 66.5309, 60.5521

Complementary

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



57.9651, 66.5309, 70.7594



57.6939, 55.2611, 61.0548

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.



68.3615, 66.5309, 66.3221



57.9651, 66.5309, 70.7594



67.7401, 66.5309, 82.0736

Square

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



57.9651, 66.5309, 70.7594



62.6458, 66.5309, 89.1120



68.8163, 66.5309, 74.1487



63.8292, 66.5309, 57.9905

Rectangle

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



57.9651, 66.5309, 70.7594



59.3770, 66.5309, 83.7982



68.8163, 66.5309, 74.1487



67.2579, 66.5309, 62.1590

Sweetspot

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



57.9670, 66.5337, 70.7609



90.8873, 97.9129, 106.0480



57.9963, 66.8441, 57.4235



19.2910, 20.8759, 22.5851



0.0000, 0.0000, 0.0000



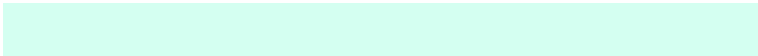
20.3446, 21.4041, 23.3091

Same Dimension

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



57.9670, 66.5337, 70.7609



78.7551, 91.8429, 97.1486



57.7398, 64.0219, 77.0277



13.2626, 14.7567, 15.8458



18.3622, 31.3775, 22.6046



1.2278, 2.0481, 1.6655

Inverse Universe

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



57.6939, 55.2611, 61.0548



78.3140, 73.6193, 81.4596



57.8566, 57.3726, 55.6027



13.2228, 13.1182, 14.4348



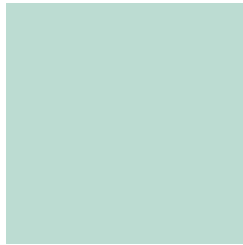
17.9927, 9.1981, 4.3418



1.2039, 0.6112, 0.4824

Previews

White Background



This preview shows how the XYZ color 57.9651, 66.5309, 70.7594 looks on a white background.

Color Contrast Check

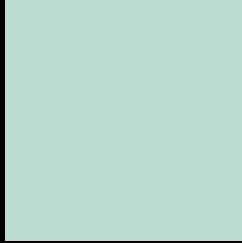
Large Text (above 18pt) WCAG AA × Fail

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 57.9651, 66.5309, 70.7594 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

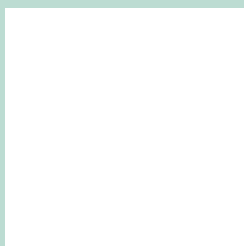
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.9651, 66.5309, 70.7594

Background



This preview shows how black text looks on a background with the XYZ color 57.9651, 66.5309, 70.7594.

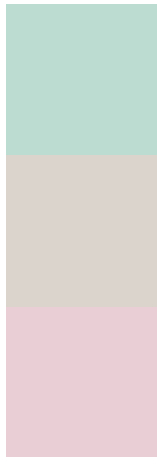


This preview shows how white text looks on a background with the XYZ color 57.9651, 66.5309,

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

57.9651, 66.5309, 70.7594

Protanopia

63.4764, 66.4002, 67.2286

Deuteranopia

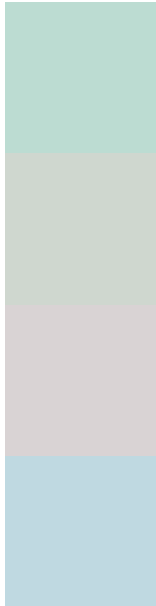
67.6858, 66.2703, 72.1748



Tritanopia

61.1454, 66.2587, 87.4084

Trichromacy



Original Color

57.9651, 66.5309, 70.7594

Protanomaly

61.2951, 66.3713, 68.6118

Deuteranomaly

63.7932, 66.0937, 71.6825

Tritanomaly

59.8893, 66.1383, 80.8436

Monochromacy



Original Color

57.9651, 66.5309, 70.7594

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.3903, 64.6095, 69.6623

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9651, 66.5309, 70.7594 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(188, 220, 210)` looks like.

```
.text, #text, p{  
    color:rgb(188, 220, 210)  
}
```

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(188, 220, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 220, 210) }
```

Border

The CSS property to change the border of an element to XYZ 57.9651, 66.5309, 70.7594 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(188, 220, 210) }
```


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

```
.border{ border-color:rgb(188, 220, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 220, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 220, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 220, 210);  
box-shadow:4px 4px 4px 4px rgb(188, 220,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9651, 66.5309, 70.7594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 220, 210) }
```

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

```
.background{ background-color: rgb(188,  
220, 210) }
```

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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