

Converting Colors

XYZ(57.7513, 66.6267, 68.2143)

Have a look what the booklet for
XYZ(57.7513, 66.6267, 68.2143)
contains.

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Color

**XYZ(57.7200, 66.4614,
68.1787)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDCCE
RGB	189, 220, 206
RGB Percent	74%, 86%, 81%
CMY	0.2588, 0.1372, 0.1922
CMYK	0.14, 0.00, 0.06, 0.14
HSL	153°, 31%, 80%
HSV	153°, 14%, 86%
XYZ	57.7200, 66.4614, 68.1787
YIQ	209.1350, -13.9820, -10.9260

Conversions

Conversions Part 2

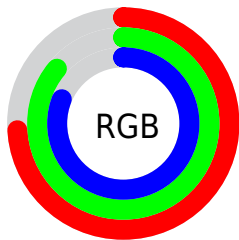
Format	Color
R _{YB}	189, 209, 220
Decimal	12442830
CIE Lab	85.23, -12.93, 3.43
CIE LCh	85, 13.375, 165.128
Yxy	66.4614, 0.3001, 0.3455
Android (android.graphics.Color)	4290632910 (0xFFBDDCCE)
YUV	209.1350, -1.5456, -17.6584
Hunter-Lab	81.5239, -16.2863, 7.4823

Details

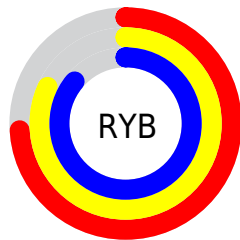
The XYZ color **57.7200, 66.4614, 68.1787** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **58.4946, 55.9243, 64.2143**, and the grayscale version is **60.7102, 63.8719, 69.5565**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **29.1143, 34.3282, 34.7973** is the 20% darker color. If you saturate the color by 10%, you get **51.5022, 63.3929, 61.7848**, and if you desaturate by 10%, it is **64.8457, 69.9927, 75.0163**.

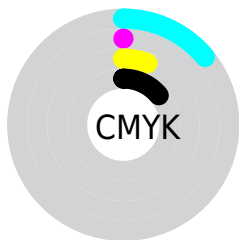
Distribution



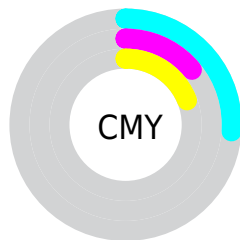
- Red (74%)
- Green (86%)
- Blue (81%)



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



- Cyan (14%)
- Magenta (0%)
- Yellow (6%)
- Black (14%)





- Cyan (26%)
- Magenta (14%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.7200, 66.4614, 68.1787 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 57.7200, 66.4614, 68.1787 by changing the saturation by 10% instead.


 57.7200, 66.4614,
68.1787

 57.7200, 66.4614,
68.1787


406.1125,
448.0252, 472.7441

 41.8260, 48.6471,
49.5755


 100.6403,
114.1483, 118.2644

 29.1556, 34.3396,
34.7074


128.3973,
144.7897, 150.5840

 19.3434, 23.1546,
23.1558


160.8393,
180.4755, 188.3128

 12.0242, 14.7077,
14.5022

198.3318,
221.5901, 231.8694

 6.8324, 8.6145,
8.3281

241.2399,
268.5180, 281.6723

 3.4029, 4.4906,
4.2148

289.9292,

 1.3702, 1.9516,

321.6436, 338.1400

1.7439

344.7649,
381.3512, 401.6911

■ 0.2349, 0.5791,
0.3906

■ 0.0000, 0.0000,
0.0000

■ 57.7200, 66.4614,
68.1787

■ 57.7200, 66.4614,
68.1787

■ 51.5022, 63.3929,
61.7848

■ 64.8457, 69.9927,
75.0163

■ 46.1481, 60.7593,
55.8212

■ 72.9099, 73.9971,
82.3020

■ 41.6182, 58.5420,
50.2797

■ 81.9475, 78.4941,
90.0457

■ 37.8675, 56.7181,
45.1506

■ 83.4305, 79.0873,
97.8551

■ 34.8465, 55.2622,
40.4236

■ 84.8844, 79.6689,
105.5115

■ 32.4997, 54.1459,
36.0879

■ 30.7630, 53.3364,
32.1318

■ 29.5591, 52.7939,
28.5429

■ 29.0233, 52.5604,
26.5879

Harmonies

Analogous

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



59.1417, 66.4614, 61.2511



57.7200, 66.4614, 68.1787



57.7263, 66.4614, 76.7941

Triad

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



57.7200, 66.4614, 68.1787



64.6977, 66.4614, 89.6421



67.3571, 66.4614, 61.2041

Complementary

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



57.7200, 66.4614, 68.1787



58.4946, 55.9243, 64.2143

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.



68.9447, 66.4614, 68.1099



57.7200, 66.4614, 68.1787



67.3763, 66.4614, 84.7484

Square

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



57.7200, 66.4614, 68.1787



61.6903, 66.4614, 89.6642



68.9518, 66.4614, 76.7196



64.6723, 66.4614, 57.4478

Rectangle

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



57.7200, 66.4614, 68.1787



58.5368, 66.4614, 82.3659



68.9518, 66.4614, 76.7196



68.0405, 66.4614, 63.2086

Sweetspot

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



57.7219, 66.4642, 68.1802



90.6635, 97.8233, 104.8692



59.5366, 67.6256, 58.0601



19.2343, 20.8532, 22.2865



0.0000, 0.0000, 0.0000



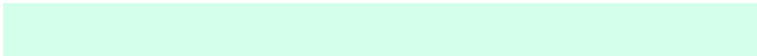
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7219, 66.4642, 68.1802



77.8668, 91.4876, 92.4709



59.2296, 66.6346, 77.4534



13.1838, 14.7251, 15.4306



17.0896, 30.8685, 15.9033



1.1504, 2.0171, 1.2580

Inverse Universe

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



58.4946, 55.9243, 64.2143



79.1524, 73.9547, 85.8744



57.1231, 55.7326, 55.8918



13.2993, 13.1488, 14.8374



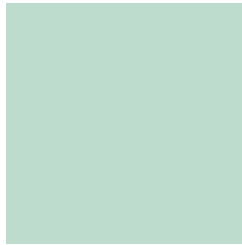
18.7088, 9.4846, 8.1124



1.2551, 0.6317, 0.7523

Previews

White Background



This preview shows how the XYZ color 57.7200, 66.4614, 68.1787 looks on a white background.

Color Contrast Check

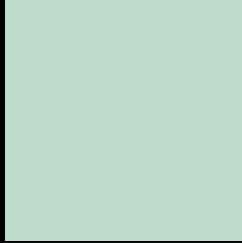
Large Text (above 18pt) WCAG AA × Fail

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 57.7200, 66.4614, 68.1787 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

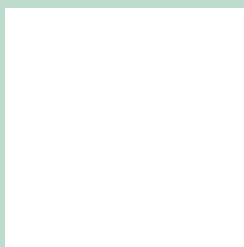
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7200, 66.4614, 68.1787

Background



This preview shows how black text looks on a background with the XYZ color 57.7200, 66.4614, 68.1787.

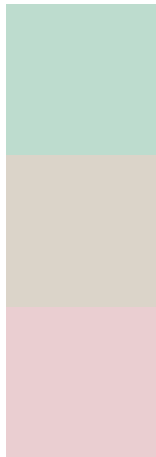


This preview shows how white text looks on a background with the XYZ color 57.7200, 66.4614,

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

57.7200, 66.4614, 68.1787

Protanopia

63.2995, 66.3641, 64.7316

Deuteranopia

67.5116, 66.2385, 69.5487



Tritanopia

61.5120, 66.4643, 86.6777

Trichromacy



Original Color

57.7200, 66.4614, 68.1787

Protanomaly

61.0924, 66.3226, 66.0815

Deuteranomaly

63.5929, 66.0480, 69.0713

Tritanomaly

59.8704, 66.1599, 79.4267

Monochromacy



Original Color

57.7200, 66.4614, 68.1787

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.5365, 64.6991, 69.0248

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7200, 66.4614, 68.1787 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(189, 220, 206)` looks like.

```
.text, #text, p{  
    color:rgb(189, 220, 206)  
}
```

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(189, 220, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 220, 206) }
```

Border

The CSS property to change the border of an element to XYZ 57.7200, 66.4614, 68.1787 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(189, 220, 206) }
```


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

```
.border{ border-color:rgb(189, 220, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 220, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 220, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 220, 206);  
box-shadow:4px 4px 4px 4px rgb(189, 220,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7200, 66.4614, 68.1787 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 220, 206) }
```

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

```
.background{ background-color: rgb(189,  
220, 206) }
```

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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