

Converting Colors

XYZ(57.2311, 66.6877, 64.2974)

Have a look what the booklet for
XYZ(57.2311, 66.6877, 64.2974)
contains.

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Color

**XYZ(57.2680, 66.7019,
64.5000)**

Conversions

Conversions Part 1

Format	Color
Hex	BDDDC8
RGB	189, 221, 200
RGB Percent	74%, 87%, 78%
CMY	0.2588, 0.1333, 0.2157
CMYK	0.14, 0.00, 0.10, 0.13
HSL	141°, 32%, 80%
HSV	141°, 14%, 87%
XYZ	57.2680, 66.7019, 64.5000
YIQ	209.0380, -12.3310, -13.3150

Conversions

Conversions Part 2

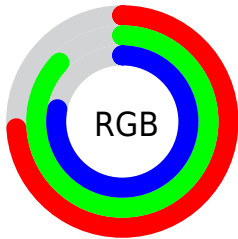
Format	Color
RYB	189, 213, 221
Decimal	12443080
CIELab	85.35, -14.56, 6.78
CIELCh	85, 16.061, 155.039
Yxy	66.7019, 0.3039, 0.3539
Android (android.graphics.Color)	4290633160 (0xFFBDDDC8)
YUV	209.0380, -4.4557, -17.5733
Hunter-Lab	81.6712, -17.7602, 10.3455

Details

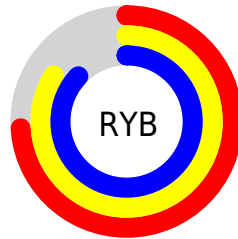
The XYZ color **57.2680, 66.7019, 64.5000** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **59.6516, 56.4220, 68.7222**, and the grayscale version is **60.6646, 63.8238, 69.5042**.

A 20% lighter version of the original color is **91.4662, 98.1525, 108.7323**, and **28.8162, 34.4987, 32.3343** is the 20% darker color. If you saturate the color by 10%, you get **50.5827, 63.4441, 55.7548**, and if you desaturate by 10%, it is **64.9532, 70.4604, 74.1343**.

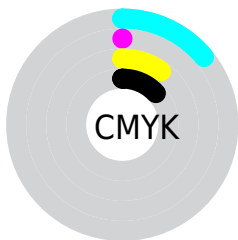
Distribution



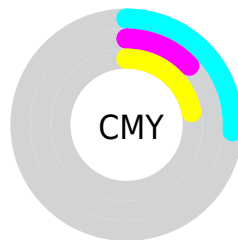
- Red (74%)
- Green (87%)
- Blue (78%)



- Red (74%)
- Yellow (84%)
- Blue (87%)



- Cyan (14%)
- Magenta (0%)
- Yellow (10%)
- Black (13%)



- Cyan (26%)
- Magenta (13%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2680, 66.7019, 64.5000 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 57.2680, 66.7019, 64.5000 by changing the saturation by 10% instead.

■ 57.2680, 66.7019,
64.5000

■ 57.2680, 66.7019,
64.5000

404.4507,
448.8829, 459.2499

■ 41.4614, 48.8424,
46.6070

■ 99.9852, 114.4932,
112.9371

■ 28.8691, 34.4945,
32.3730

127.6266,
145.1937, 144.3183

■ 19.1256, 23.2737,
21.3794

159.9436,
180.9434, 181.0325

■ 11.8656, 14.7958,
13.2076

197.3016,
222.1267, 223.4985

■ 6.7238, 8.6762,
7.4393

240.0660,
269.1278, 272.1347

■ 3.3347, 4.5306,
3.6557


288.6021,


■ 1.3332, 1.9746,


322.3314, 327.3596


1.4384


343.2752,
382.1216, 389.5919


 0.2078, 0.5926,
0.1714


 0.0000, 0.0000,
0.0000


 57.2680, 66.7019,
64.5000


 57.2680, 66.7019,
64.5000


 50.5827, 63.4441,
55.7548


 64.9532, 70.4604,
74.1343


 44.8497, 60.6572,
47.8691

 73.6723, 74.7309,
84.6774

 40.0256, 58.3213,
40.8179

 83.3531, 79.4777,
96.1488

 36.0612, 56.4117,
34.5735

 85.1478, 80.1955,
105.5993

■ 32.9029, 54.9013,
29.1065

■ 30.4904, 53.7596,
24.3858

■ 28.7544, 52.9515,
20.3781

■ 27.6112, 52.4348,
17.0470

■ 27.1611, 52.2369,
15.4823

Harmonies

Analogous

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



59.4678, 66.7019, 57.4341



57.2680, 66.7019, 64.5000



56.6850, 66.7019, 74.4002

Triad

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



57.2680, 66.7019, 64.5000



64.0143, 66.7019, 94.4567



69.2971, 66.7019, 61.7259

Complementary

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



57.2680, 66.7019, 64.5000



59.6516, 56.4220, 68.7222

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.



70.6215, 66.7019, 70.8822



57.2680, 66.7019, 64.5000



67.4980, 66.7019, 90.2875

Square

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



57.2680, 66.7019, 64.5000



60.4930, 66.7019, 92.3364



69.9509, 66.7019, 81.4096



66.3949, 66.7019, 55.9431

Rectangle

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



57.2680, 66.7019, 64.5000



57.2718, 66.7019, 81.4364



69.9509, 66.7019, 81.4096



69.9466, 66.7019, 64.4771

Sweetspot

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



57.2698, 66.7047, 64.5015



90.3373, 97.6928, 103.1514



61.7176, 69.1409, 58.2374



19.1518, 20.8202, 21.8522



0.0000, 0.0000, 0.0000



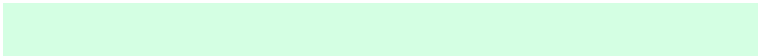
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2698, 66.7047, 64.5015



76.6137, 90.9863, 85.8723



59.1965, 67.4754, 74.6470



13.0703, 14.6798, 14.8333



15.8255, 30.3628, 9.2465



1.0650, 1.9829, 0.8081

Inverse Universe

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



59.6516, 56.4220, 68.7222



80.4390, 74.4693, 92.6500



57.7935, 55.6787, 58.9375



13.4143, 13.1948, 15.4431



20.3479, 10.1402, 16.7442



1.3581, 0.6729, 1.2948

Previews

White Background



This preview shows how the XYZ color 57.2680, 66.7019, 64.5000 looks on a white background.

Color Contrast Check

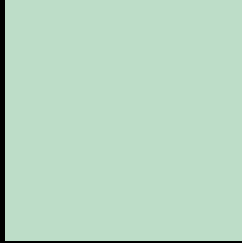
Large Text (above 18pt) WCAG AA × Fail

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 57.2680, 66.7019, 64.5000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

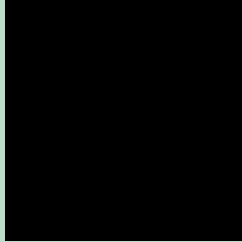
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

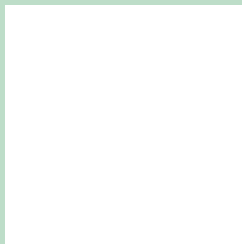
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2680, 66.7019, 64.5000

Background



This preview shows how black text looks on a background with the XYZ color 57.2680, 66.7019, 64.5000.



This preview shows how white text looks on a background with the XYZ color 57.2680, 66.7019,

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

57.2680, 66.7019, 64.5000

Protanopia

63.2126, 66.3992, 61.1144

Deuteranopia

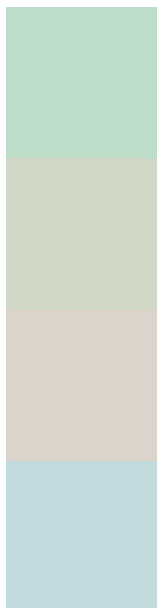
67.7759, 66.4589, 65.7556



Tritanopia

61.7695, 66.5970, 86.6897

Trichromacy



Original Color

57.2680, 66.7019, 64.5000

Protanomaly

60.6730, 66.1874, 62.4010

Deuteranomaly

63.4701, 66.0684, 65.2844

Tritanomaly

60.1149, 66.7007, 78.1127

Monochromacy



Original Color

57.2680, 66.7019, 64.5000

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.2919, 64.6013, 67.7368

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2680, 66.7019, 64.5000 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, 221, 200)` looks like.

```
.text, #text, p{  
    color:rgb(189, 221, 200)  
}
```

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, 221, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 221, 200) }
```

Border

The CSS property to change the border of an element to XYZ 57.2680, 66.7019, 64.5000 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, 221, 200) }
```


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

```
.border{ border-color:rgb(189, 221, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 221, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 221, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 221, 200);  
box-shadow:4px 4px 4px 4px rgb(189, 221,  
200) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2680, 66.7019, 64.5000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 221, 200) }
```

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

```
.background{ background-color: rgb(189,  
221, 200) }
```

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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