

Converting Colors

XYZ(56.9268, 63.2554, 64.8889)

Have a look what the booklet for
XYZ(56.9268, 63.2554, 64.8889)
contains.

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Color

**XYZ(57.2199, 63.5885,
65.1351)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D5CA
RGB	196, 213, 202
RGB Percent	77%, 84%, 79%
CMY	0.2314, 0.1647, 0.2078
CMYK	0.08, 0.00, 0.05, 0.16
HSL	141°, 17%, 80%
HSV	141°, 8%, 84%
XYZ	57.2199, 63.5885, 65.1351
YIQ	206.6630, -6.6010, -7.0250

Conversions

Conversions Part 2

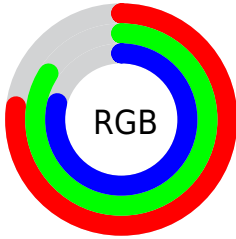
Format	Color
RYB	196, 209, 213
Decimal	12899786
CIELab	83.75, -7.77, 3.47
CIELCh	84, 8.511, 155.969
Yxy	63.5885, 0.3077, 0.3420
Android (android.graphics.Color)	4291089866 (0xFFC4D5CA)
YUV	206.6630, -2.2989, -9.3515
Hunter-Lab	79.7424, -11.4649, 7.3905

Details

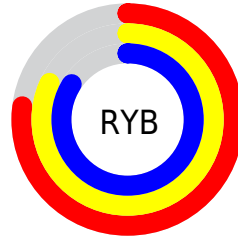
The XYZ color **57.2199, 63.5885, 65.1351** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.4453, 58.1327, 67.1749**, and the grayscale version is **59.1102, 62.1886, 67.7233**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **28.7275, 32.3426, 32.7456** is the 20% darker color. If you saturate the color by 10%, you get **50.5082, 60.3105, 56.6789**, and if you desaturate by 10%, it is **64.8676, 67.3357, 74.3988**.

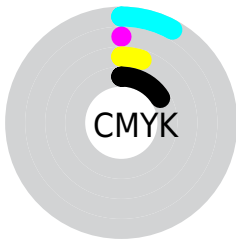
Distribution



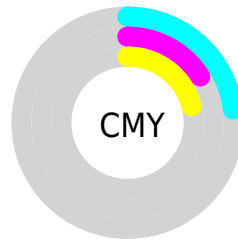
- Red (77%)
- Green (84%)
- Blue (79%)



- Red (77%)
- Yellow (82%)
- Blue (84%)



- Cyan (8%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (23%)
- Magenta (16%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2199, 63.5885, 65.1351 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 57.2199, 63.5885, 65.1351 by changing the saturation by 10% instead.

■ 57.2199, 63.5885,
65.1351

■ 57.2199, 63.5885,
65.1351

404.2737,
437.7021, 461.5968

■ 41.4226, 46.3175,
47.1186

99.9155, 110.0181,
113.8592

■ 28.8386, 32.4964,
32.7744

127.5445,
139.9454, 145.4039

■ 19.1024, 21.7409,
21.6840

159.8482,
174.8604, 182.2950

■ 11.8488, 13.6667,
13.4288

197.1919,
215.1472, 224.9512

■ 6.7122, 7.8892,
7.5903

239.9409,
261.1904, 273.7909

■ 3.3275, 4.0241,
3.7499

288.4607,

■ 1.3292, 1.6871,

313.3744, 329.2327

1.4892

343.1164,
372.0835, 391.6952

■ 0.2049, 0.4153,
0.2098

■ 0.0000, 0.0000,
0.0000

■ 57.2199, 63.5885,
65.1351

■ 57.2199, 63.5885,
65.1351

■ 50.5082, 60.3105,
56.6789

■ 64.8676, 67.3357,
74.3988

■ 44.6904, 57.4752,
49.0045

■ 73.4806, 71.5615,
84.4866

■ 39.7289, 55.0653,
42.0909

■ 81.2666, 75.3434,
95.3342

■ 35.5817, 53.0598,
35.9144

■ 83.0854, 76.0709,
104.9118

■ 32.2026, 51.4352,
30.4502

■ 29.5408, 50.1660,
25.6723

■ 27.5393, 49.2233,
21.5526

■ 26.1311, 48.5732,
18.0613

■ 25.2224, 48.1679,
15.1652

Harmonies

Analogous

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



58.3553, 63.5885, 61.2469



57.2199, 63.5885, 65.1351



56.9392, 63.5885, 70.3115

Triad

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



57.2199, 63.5885, 65.1351



60.8130, 63.5885, 79.9715



63.3905, 63.5885, 63.3736

Complementary

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



57.2199, 63.5885, 65.1351



58.4453, 58.1327, 67.1749

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.



64.0793, 63.5885, 68.1736



57.2199, 63.5885, 65.1351



62.5716, 63.5885, 77.8936

Square

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



57.2199, 63.5885, 65.1351



58.9892, 63.5885, 79.0556



63.7765, 63.5885, 73.5077



61.9123, 63.5885, 60.2671

Rectangle

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



57.2199, 63.5885, 65.1351



57.2694, 63.5885, 73.8363



63.7765, 63.5885, 73.5077



63.7234, 63.5885, 64.8329

Sweetspot

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



57.2217, 63.5912, 65.1365



92.6716, 98.8348, 106.0388



59.5066, 64.8496, 61.6065



19.8605, 21.1669, 22.7268



0.0000, 0.0000, 0.0000



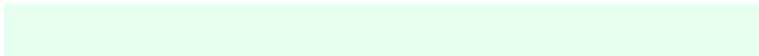
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2217, 63.5912, 65.1365



83.7388, 94.4628, 95.0928



58.2504, 64.0027, 70.5536



12.4416, 13.9676, 14.1399



15.3578, 29.3985, 9.1800



0.9650, 1.7887, 0.7575

Inverse Universe

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



58.4453, 58.1327, 67.1749



86.0327, 84.2297, 98.9138



57.4391, 57.7302, 61.8763



12.7583, 12.5548, 14.6674



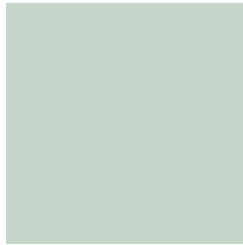
19.6071, 9.7792, 15.7670



1.2212, 0.6053, 1.1544

Previews

White Background



This preview shows how the XYZ color 57.2199, 63.5885, 65.1351 looks on a white background.

Color Contrast Check

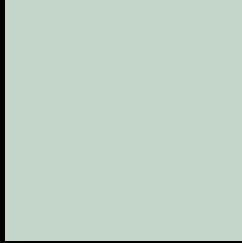
Large Text (above 18pt) WCAG AA × Fail

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 57.2199, 63.5885, 65.1351 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

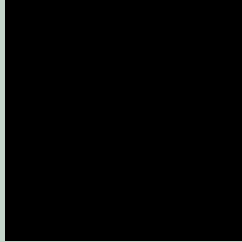
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

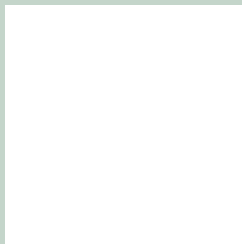
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.2199, 63.5885, 65.1351

Background



This preview shows how black text looks on a background with the XYZ color 57.2199, 63.5885, 65.1351.

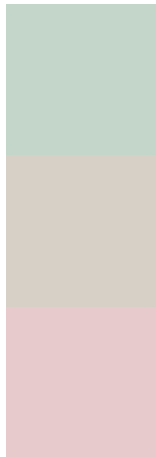


This preview shows how white text looks on a background with the XYZ color 57.2199, 63.5885,

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

57.2199, 63.5885, 65.1351

Protanopia

60.5962, 63.5314, 63.1019

Deuteranopia

64.6527, 63.4237, 65.9612



Tritanopia

60.3473, 63.3713, 81.0027

Trichromacy



Original Color

57.2199, 63.5885, 65.1351

Protanomaly

59.2040, 63.5287, 63.7855

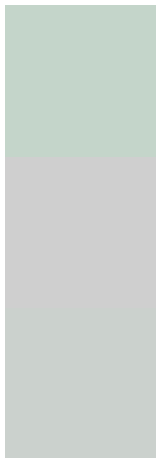
Deuteranomaly

61.7642, 63.3598, 65.4743

Tritanomaly

59.1242, 63.2451, 74.7370

Monochromacy



Original Color

57.2199, 63.5885, 65.1351

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.4485, 62.7052, 66.7804

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2199, 63.5885, 65.1351 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(196, 213, 202) looks like.

```
.text, #text, p{  
    color:rgb(196, 213, 202)  
}
```

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(196, 213, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 213, 202) }
```

Border

The CSS property to change the border of an element to XYZ 57.2199, 63.5885, 65.1351 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(196, 213, 202) }
```


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

```
.border{ border-color:rgb(196, 213, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 213, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 213, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 213, 202);  
box-shadow:4px 4px 4px 4px rgb(196, 213,  
202) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2199, 63.5885, 65.1351 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 213, 202) }
```

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

```
.background{ background-color: rgb(196,  
213, 202) }
```

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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