

Converting Colors

XYZ(57.1906, 63.6697, 67.2227)

Have a look what the booklet for
XYZ(57.1906, 63.6697, 67.2227)
contains.

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Color

**XYZ(57.0618, 63.4656,
67.0002)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D5CD
RGB	194, 213, 205
RGB Percent	76%, 84%, 80%
CMY	0.2392, 0.1647, 0.1961
CMYK	0.09, 0.00, 0.04, 0.16
HSL	155°, 18%, 80%
HSV	155°, 9%, 84%
XYZ	57.0618, 63.4656, 67.0002
YIQ	206.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

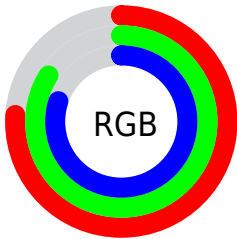
Format	Color
RYB	194, 206, 213
Decimal	12768717
CIELab	83.69, -7.89, 1.76
CIELCh	84, 8.080, 167.407
Yxy	63.4656, 0.3043, 0.3384
Android (android.graphics.Color)	4290958797 (0xFFC2D5CD)
YUV	206.4070, -0.6937, -10.8809
Hunter-Lab	79.6653, -11.5602, 5.9016

Details

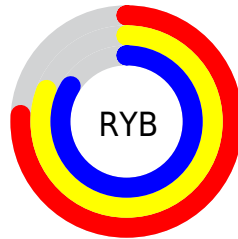
The XYZ color **57.0618, 63.4656, 67.0002** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3953, 56.9956, 63.8562**, and the grayscale version is **58.9368, 62.0061, 67.5247**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **28.6280, 32.2635, 33.9968** is the 20% darker color. If you saturate the color by 10%, you get **50.9303, 60.4280, 61.2224**, and if you desaturate by 10%, it is **64.0426, 66.9374, 73.1445**.

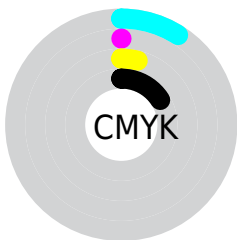
Distribution



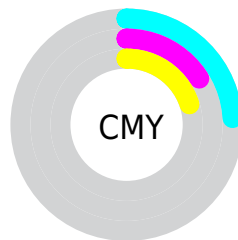
- Red (76%)
- Green (84%)
- Blue (80%)



- Red (76%)
- Yellow (81%)
- Blue (84%)



- Cyan (9%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0618, 63.4656, 67.0002 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 57.0618, 63.4656, 67.0002 by changing the saturation by 10% instead.

■ 57.0618, 63.4656,
67.0002

■ 57.0618, 63.4656,
67.0002

403.6913,
437.2573, 468.4470

■ 41.2952, 46.2180,
48.6232

■ 99.6862, 109.8410,
116.5613

■ 28.7385, 32.4179,
33.9572

127.2747,
139.7375, 148.5826

■ 19.0264, 21.6809,
22.5836

159.5345,
174.6191, 185.9889

■ 11.7935, 13.6226,
14.0839

196.8311,
214.8702, 229.1990

■ 6.6744, 7.8586,
8.0397

239.5297,
260.8751, 278.6313

■ 3.3038, 4.0046,
4.0322

287.9956,

■ 1.3164, 1.6762,

313.0184, 334.7044

1.6430

342.5944,
371.6843, 397.8368

■ 0.1954, 0.4081,
0.3212

■ 0.0000, 0.0000,
0.0000

■ 57.0618, 63.4656,
67.0002

■ 57.0618, 63.4656,
67.0002

■ 50.9303, 60.4280,
61.2224

■ 64.0426, 66.9374,
73.1445

■ 45.6085, 57.7990,
55.7999

■ 71.8995, 70.8517,
79.6580

■ 41.0616, 55.5626,
50.7270

■ 79.5887, 74.6722,
86.4981

■ 37.2501, 53.6985,
45.9961

■ 80.8954, 75.1949,
93.3790

■ 34.1308, 52.1845,
41.5993

■ 82.2681, 75.7440,
100.6075

■ 31.6559, 50.9962,
37.5285

■ 83.0855, 76.0709,
104.9118

■ 29.7712, 50.1057,
33.7748

■ 28.4126, 49.4802,
30.3289

■ 27.4791, 49.0677,
27.1795

Harmonies

Analogous

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



57.8516, 63.4656, 62.7153



57.0618, 63.4656, 67.0002



57.1331, 63.4656, 72.0598

Triad

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



57.0618, 63.4656, 67.0002



61.3458, 63.4656, 78.8256



62.6545, 63.4656, 62.1744

Complementary

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



57.0618, 63.4656, 67.0002



57.3953, 56.9956, 63.8562

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.



63.6277, 63.4656, 66.2287



57.0618, 63.4656, 67.0002



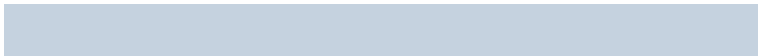
62.8620, 63.4656, 75.9108

Square

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



57.0618, 63.4656, 67.0002



59.5833, 63.4656, 79.0571



63.7044, 63.4656, 71.2499



61.0671, 63.4656, 60.0220

Rectangle

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



57.0618, 63.4656, 67.0002



57.6593, 63.4656, 75.1939



63.7044, 63.4656, 71.2499



63.0657, 63.4656, 63.3507

Sweetspot

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



57.0636, 63.4683, 67.0016



91.7769, 98.3721, 106.0618



57.9543, 64.0756, 60.3531



19.4611, 20.9647, 22.5411



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.



57.0636, 63.4683, 67.0016



83.6287, 94.3251, 98.7408



57.7374, 63.2299, 72.1155



12.5608, 14.0153, 14.7674



16.7818, 29.9681, 16.6783



1.0531, 1.8239, 1.2215

Inverse Universe

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



57.3953, 56.9956, 63.8562



84.2404, 82.3888, 92.9408



56.7550, 57.1925, 59.0877



12.6381, 12.5067, 14.0343



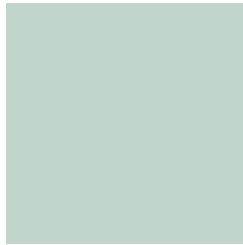
17.9301, 9.1084, 6.9360



1.1223, 0.5657, 0.6334

Previews

White Background



This preview shows how the XYZ color 57.0618, 63.4656, 67.0002 looks on a white background.

Color Contrast Check

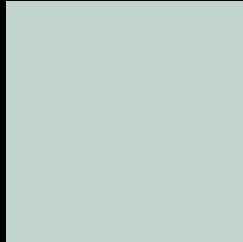
Large Text (above 18pt) WCAG AA × Fail

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 57.0618, 63.4656, 67.0002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

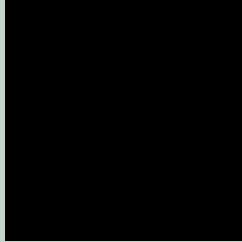
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

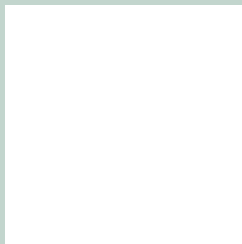
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0618, 63.4656, 67.0002

Background



This preview shows how black text looks on a background with the XYZ color 57.0618, 63.4656, 67.0002.



This preview shows how white text looks on a background with the XYZ color 57.0618, 63.4656,

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

57.0618, 63.4656, 67.0002

Protanopia

60.4141, 63.0360, 64.8601

Deuteranopia

64.6961, 63.4041, 67.8598



Tritanopia

60.0628, 63.5899, 81.0599

Trichromacy



Original Color

57.0618, 63.4656, 67.0002

Protanomaly

59.0336, 63.0345, 65.5554

Deuteranomaly

61.5308, 63.1978, 67.3479

Tritanomaly

58.9751, 63.5208, 75.4821

Monochromacy



Original Color

57.0618, 63.4656, 67.0002

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.2982, 62.6137, 67.4055

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0618, 63.4656, 67.0002 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(194, 213, 205)` looks like.

```
.text, #text, p{  
    color:rgb(194, 213, 205)  
}
```

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(194, 213, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 213, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.0618, 63.4656, 67.0002 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(194, 213, 205) }
```


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

```
.border{ border-color:rgb(194, 213, 205) }
```

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

Here you see how a box with a 4 pixel rgb(194, 213, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 213, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 213, 205);  
box-shadow:4px 4px 4px 4px rgb(194, 213,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0618, 63.4656, 67.0002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 213, 205) }
```

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

```
.background{ background-color: rgb(194,  
213, 205) }
```

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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