

Converting Colors

XYZ(57.1671, 63.3697, 66.1601)

Have a look what the booklet for
XYZ(57.1671, 63.3697, 66.1601)
contains.

XYZ(57.1990, 63.5502, 66.3785)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.1990, 63.5502,
66.3785)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D5CC
RGB	195, 213, 204
RGB Percent	76%, 84%, 80%
CMY	0.2353, 0.1647, 0.2000
CMYK	0.08, 0.00, 0.04, 0.16
HSL	150°, 18%, 80%
HSV	150°, 8%, 84%
XYZ	57.1990, 63.5502, 66.3785
YIQ	206.5920, -7.8390, -6.6150

Conversions

Conversions Part 2

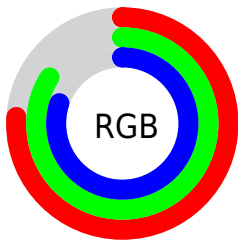
Format	Color
RYB	195, 207, 213
Decimal	12834252
CIELab	83.73, -7.74, 2.37
CIELCh	84, 8.092, 163.001
Yxy	63.5502, 0.3057, 0.3396
Android (android.graphics.Color)	4291024332 (0xFFC3D5CC)
YUV	206.5920, -1.2779, -10.1662
Hunter-Lab	79.7184, -11.4310, 6.4343

Details

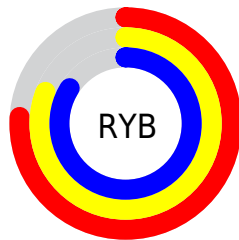
The XYZ color **57.1990, 63.5502, 66.3785** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.8570, 57.5376, 65.1861**, and the grayscale version is **59.0588, 62.1344, 67.6644**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.7164, 32.3184, 33.5787** is the 20% darker color. If you saturate the color by 10%, you get **50.8492, 60.4211, 59.6392**, and if you desaturate by 10%, it is **64.4249, 67.1244, 73.6176**.

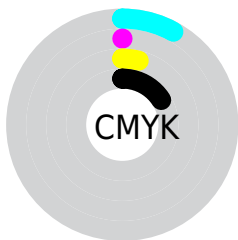
Distribution



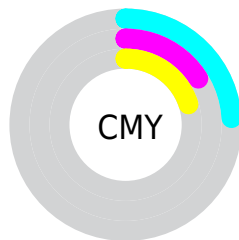
- Red (76%)
- Green (84%)
- Blue (80%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1990, 63.5502, 66.3785 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 57.1990, 63.5502, 66.3785 by changing the saturation by 10% instead.

■ 57.1990, 63.5502,
66.3785

■ 57.1990, 63.5502,
66.3785

404.1967,
437.5635, 466.1704

■ 41.4058, 46.2865,
48.1213

■ 99.8852, 109.9629,
115.6616

■ 28.8254, 32.4719,
33.5623

127.5089,
139.8806, 147.5246

■ 19.0924, 21.7222,
22.2829

159.8068,
174.7852, 184.7599

■ 11.8414, 13.6529,
13.8646

197.1442,
215.0609, 227.7861

■ 6.7072, 7.8797,
7.8889

239.8866,
261.0922, 277.0217

■ 3.3244, 4.0181,
3.9372

288.3992,

■ 1.3275, 1.6837,

313.2635, 332.8852

1.5909

343.0475,
371.9591, 395.7953

■ 0.2037, 0.4130,
0.2843

■ 0.0000, 0.0000,
0.0000

■ 57.1990, 63.5502,
66.3785

■ 57.1990, 63.5502,
66.3785

■ 50.8492, 60.4211,
59.6392

■ 64.4249, 67.1244,
73.6176

■ 45.3352, 57.7113,
53.3849

■ 72.5544, 71.1522,
81.3627

■ 40.6218, 55.4045,
47.6058

■ 80.1696, 74.9045,
89.5572

■ 36.6687, 53.4802,
42.2906

■ 81.7637, 75.5422,
97.9519

■ 33.4323, 51.9160,
37.4270

■ 83.0854, 76.0709,
104.9118

■ 30.8641, 50.6873,
33.0025

■ 28.9092, 49.7660,
29.0038

■ 27.5034, 49.1192,
25.4167

■ 26.5506, 48.6977,
22.2249

Harmonies

Analogous

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



58.1060, 63.5502, 62.2941



57.1990, 63.5502, 66.3785



57.1396, 63.5502, 71.4163

Triad

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



57.1990, 63.5502, 66.3785



61.1732, 63.5502, 79.1568



62.9316, 63.5502, 62.7446

Complementary

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



57.1990, 63.5502, 66.3785



57.8570, 57.5376, 65.1861

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.



63.7874, 63.5502, 67.0209



57.1990, 63.5502, 66.3785



62.7588, 63.5502, 76.5884

Square

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



57.1990, 63.5502, 66.3785



59.4108, 63.5502, 78.9640



63.7236, 63.5502, 72.0908



61.4053, 63.5502, 60.2676

Rectangle

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



57.1990, 63.5502, 66.3785



57.5868, 63.5502, 74.6534



63.7236, 63.5502, 72.0908



63.3086, 63.5502, 64.0100

Sweetspot

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



57.2008, 63.5529, 66.3799



91.6814, 98.3339, 105.5592



58.6310, 64.4113, 60.9731



19.4354, 20.9544, 22.4054



0.0000, 0.0000, 0.0000



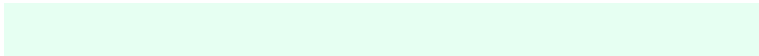
20.3446, 21.4041, 23.3091

Same Dimension

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



57.2008, 63.5529, 66.3799



84.2972, 94.6861, 98.0330



58.2743, 63.9823, 72.0329



12.5187, 13.9985, 14.5461



16.1907, 29.7316, 13.5656



1.0183, 1.8100, 1.0382

Inverse Universe

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



57.8570, 57.5376, 65.1861



85.4628, 84.0017, 95.9126



56.8419, 57.1315, 59.8403



12.6797, 12.5234, 14.2534



18.4191, 9.3040, 9.5111



1.1527, 0.5779, 0.7937

Previews

White Background



This preview shows how the XYZ color 57.1990, 63.5502, 66.3785 looks on a white background.

Color Contrast Check

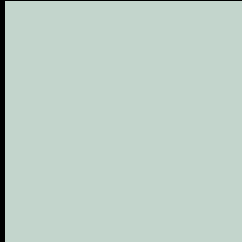
Large Text (above 18pt) WCAG AA × Fail

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 57.1990, 63.5502, 66.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

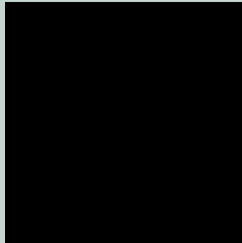
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

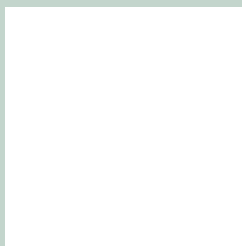
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1990, 63.5502, 66.3785

Background



This preview shows how black text looks on a background with the XYZ color 57.1990, 63.5502, 66.3785.

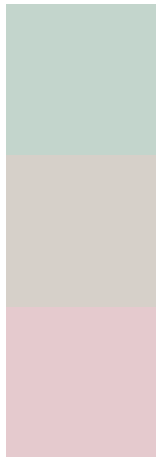


This preview shows how white text looks on a background with the XYZ color 57.1990, 63.5502,

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

57.1990, 63.5502, 66.3785

Protanopia

60.8300, 63.6249, 64.3331

Deuteranopia

64.5742, 63.3553, 67.2179



Tritanopia

60.3272, 63.7263, 81.0723

Trichromacy



Original Color

57.1990, 63.5502, 66.3785

Protanomaly

59.4394, 63.6229, 65.0248

Deuteranomaly

61.7060, 63.3021, 66.7239

Tritanomaly

59.2379, 63.6563, 75.4944

Monochromacy



Original Color

57.1990, 63.5502, 66.3785

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.5696, 62.7537, 67.4182

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1990, 63.5502, 66.3785 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(195, 213, 204) looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 204)  
}
```

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(195, 213, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 204) }
```

Border

The CSS property to change the border of an element to XYZ 57.1990, 63.5502, 66.3785 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(195, 213, 204) }
```


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

```
.border{ border-color:rgb(195, 213, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 213, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 213, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 213, 204);  
box-shadow:4px 4px 4px 4px rgb(195, 213,  
204) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1990, 63.5502, 66.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 213, 204) }
```

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

```
.background{ background-color: rgb(195,  
213, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor