

Converting Colors

XYZ(57.1193, 63.2959, 66.7999)

Have a look what the booklet for
XYZ(57.1193, 63.2959, 66.7999)
contains.

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Color

**XYZ(57.0686, 63.0968,
66.9287)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D4CD
RGB	195, 212, 205
RGB Percent	76%, 83%, 80%
CMY	0.2353, 0.1686, 0.1961
CMYK	0.08, 0.00, 0.03, 0.17
HSL	155°, 17%, 80%
HSV	155°, 8%, 83%
XYZ	57.0686, 63.0968, 66.9287
YIQ	206.1190, -7.8850, -5.7810

Conversions

Conversions Part 2

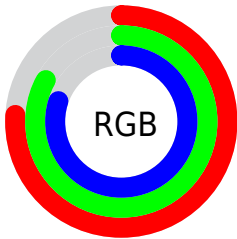
Format	Color
RYB	195, 206, 212
Decimal	12833997
CIELab	83.49, -7.03, 1.49
CIElCh	83, 7.190, 168.052
Yxy	63.0968, 0.3050, 0.3372
Android (android.graphics.Color)	4291024077 (0xFFC3D4CD)
YUV	206.1190, -0.5517, -9.7514
Hunter-Lab	79.4335, -10.7662, 5.6472

Details

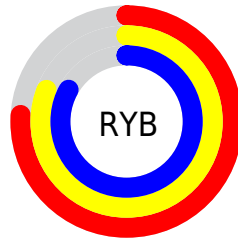
The XYZ color **57.0686, 63.0968, 66.9287** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3294, 57.2932, 63.9171**, and the grayscale version is **58.7509, 61.8105, 67.3117**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.6274, 32.0110, 33.9481** is the 20% darker color. If you saturate the color by 10%, you get **50.9505, 60.0630, 61.2936**, and if you desaturate by 10%, it is **64.0269, 66.5605, 72.9129**.

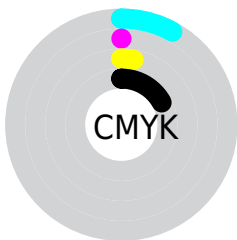
Distribution



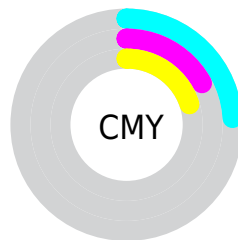
- Red (76%)
- Green (83%)
- Blue (80%)



- Red (76%)
- Yellow (81%)
- Blue (83%)



- Cyan (8%)
- Magenta (0%)
- Yellow (3%)
- Black (17%)



- Cyan (24%)
- Magenta (17%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.0686, 63.0968, 66.9287 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 57.0686, 63.0968, 66.9287 by changing the saturation by 10% instead.

■ 57.0686, 63.0968,
66.9287

■ 57.0686, 63.0968,
66.9287

403.7163,
435.9207, 468.1855

■ 41.3007, 45.9195,
48.5655

■ 99.6961, 109.3092,
116.4579

■ 28.7428, 32.1823,
33.9117

127.2863,
139.1130, 148.4610

■ 19.0296, 21.5008,
22.5490

159.5480,
173.8945, 185.8477

■ 11.7958, 13.4906,
14.0587

196.8466,
214.0381, 229.0367

■ 6.6760, 7.7672,
8.0223

239.5473,
259.9281, 278.4464

■ 3.3048, 3.9464,
4.0212

288.0157,

■ 1.3169, 1.6436,

311.9489, 334.4954

1.6370

342.6169,
370.4850, 397.6023

■ 0.1959, 0.3867,
0.3170

■ 0.0000, 0.0000,
0.0000

■ 57.0686, 63.0968,
66.9287

■ 57.0686, 63.0968,
66.9287

■ 50.9505, 60.0630,
61.2936

■ 64.0269, 66.5605,
72.9129

■ 45.6336, 57.4338,
55.9968

■ 71.8516, 70.4621,
79.2483

■ 41.0839, 55.1934,
51.0330

■ 79.2363, 74.1300,
85.8798

■ 37.2626, 53.3222,
46.3952

■ 80.5023, 74.6364,
92.5462

■ 34.1276, 51.7984,
42.0760

■ 81.8307, 75.1677,
99.5415

■ 31.6322, 50.5981,
38.0677

■ 82.8347, 75.5693,
104.8282

■ 29.7232, 49.6940,
34.3621

■ 28.3389, 49.0545,
30.9506

■ 27.3899, 48.6335,
27.8228

Harmonies

Analogous

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



57.7559, 63.0968, 63.0872



57.0686, 63.0968, 66.9287



57.1491, 63.0968, 71.4137

Triad

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



57.0686, 63.0968, 66.9287



60.9112, 63.0968, 77.2472



62.0107, 63.0968, 62.4746

Complementary

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



57.0686, 63.0968, 66.9287



57.3294, 57.2932, 63.9171

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.



62.8856, 63.0968, 66.0592



57.0686, 63.0968, 66.9287



62.2432, 63.0968, 74.6398

Square

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



57.0686, 63.0968, 66.9287



59.3493, 63.0968, 77.5049



62.9714, 63.0968, 70.5057



60.5983, 63.0968, 60.5916

Rectangle

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



57.0686, 63.0968, 66.9287



57.6275, 63.0968, 74.1654



62.9714, 63.0968, 70.5057



62.3785, 63.0968, 63.5132

Sweetspot

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



57.0704, 63.0995, 66.9301



92.8621, 98.9110, 107.0419



57.7756, 63.5981, 60.8613



19.8992, 21.1824, 22.9310



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.



57.0704, 63.0995, 66.9301



84.6376, 94.8223, 99.8260



57.5823, 62.7400, 71.3656



12.5657, 14.0173, 14.7936



16.8582, 29.9986, 17.0809



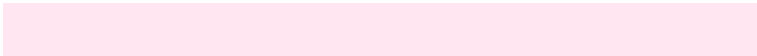
1.0575, 1.8257, 1.2446

Inverse Universe

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



57.3294, 57.2932, 63.9171



85.1265, 83.8672, 94.1416



56.8377, 57.6069, 59.7543



12.6332, 12.5048, 14.0087



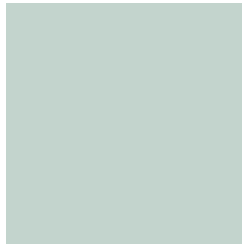
17.8791, 9.0880, 6.6673



1.1190, 0.5644, 0.6160

Previews

White Background



This preview shows how the XYZ color 57.0686, 63.0968, 66.9287 looks on a white background.

Color Contrast Check

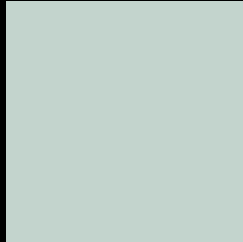
Large Text (above 18pt) WCAG AA × Fail

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 57.0686, 63.0968, 66.9287 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

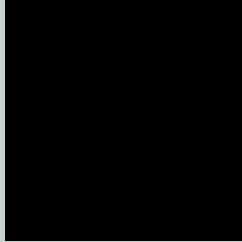
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

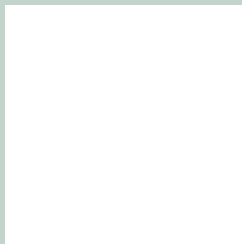
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.0686, 63.0968, 66.9287

Background



This preview shows how black text looks on a background with the XYZ color 57.0686, 63.0968, 66.9287.



This preview shows how white text looks on a background with the XYZ color 57.0686, 63.0968,

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

57.0686, 63.0968, 66.9287

Protanopia

60.4141, 63.0360, 64.8601

Deuteranopia

64.1440, 62.7723, 67.7670



Tritanopia

59.6798, 63.0429, 80.2572

Trichromacy



Original Color

57.0686, 63.0968, 66.9287

Protanomaly

59.0336, 63.0345, 65.5554

Deuteranomaly

61.2908, 62.7178, 67.2679

Tritanomaly

58.7274, 63.0255, 75.3995

Monochromacy



Original Color

57.0686, 63.0968, 66.9287

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.0536, 62.1245, 67.3240

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.0686, 63.0968, 66.9287 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, 212, 205) looks like.

```
.text, #text, p{  
    color:rgb(195, 212, 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(195, 212, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 212, 205) }
```

Border

The CSS property to change the border of an element to XYZ 57.0686, 63.0968, 66.9287 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, 212, 205) }
```


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

```
.border{ border-color:rgb(195, 212, 205) }
```

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

Here you see how a box with a 4 pixel rgb(195, 212, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 212, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 212, 205);  
box-shadow:4px 4px 4px 4px rgb(195, 212,  
205) }
```

Background

The CSS property to change the background color of an element to XYZ 57.0686, 63.0968, 66.9287 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 212, 205) }
```

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

```
.background{ background-color: rgb(195,  
212, 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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