

Converting Colors

XYZ(59.9535, 64.2678, 71.0921)

Have a look what the booklet for
XYZ(59.9535, 64.2678, 71.0921)
contains.

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Color

**XYZ(59.6807, 63.9882,
70.8335)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD3D3
RGB	203, 211, 211
RGB Percent	80%, 83%, 83%
CMY	0.2039, 0.1725, 0.1725
CMYK	0.04, 0.00, 0.00, 0.17
HSL	180°, 8%, 81%
HSV	180°, 4%, 83%
XYZ	59.6807, 63.9882, 70.8335
YIQ	208.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

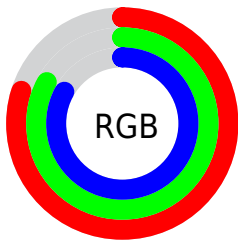
Format	Color
R_{YB}	203, 207, 211
Decimal	13358035
CIE _{Lab}	83.96, -2.70, -0.95
CIE _{LCh}	84, 2.867, 199.395
Yxy	63.9882, 0.3068, 0.3290
Android (android.graphics.Color)	4291548115 (0xFFCBD3D3)
YUV	208.6080, 1.1793, -4.9182
Hunter-Lab	79.9926, -6.8123, 3.4935

Details

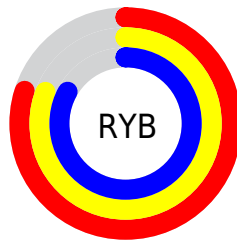
The XYZ color **59.6807, 63.9882, 70.8335** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.0017, 60.8741, 65.1430**, and the grayscale version is **60.3453, 63.4880, 69.1384**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.5372, 32.9378, 36.6464** is the 20% darker color. If you saturate the color by 10%, you get **54.3204, 61.2268, 70.5780**, and if you desaturate by 10%, it is **65.8267, 67.1583, 71.1284**.

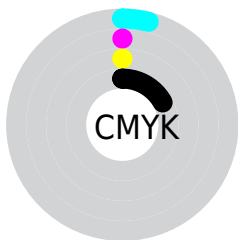
Distribution



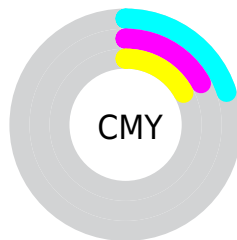
- Red (80%)
- Green (83%)
- Blue (83%)



- Red (80%)
- Yellow (81%)
- Blue (83%)



- Cyan (4%)
- Magenta (0%)
- Yellow (0%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6807, 63.9882, 70.8335 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 59.6807, 63.9882, 70.8335 by changing the saturation by 10% instead.

■ 59.6807, 63.9882,
70.8335

■ 59.6807, 63.9882,
70.8335

413.2735,
439.1470, 482.3391

■ 43.4098, 46.6411,
51.7253

103.4753,
110.5939, 122.0889

■ 30.4027, 32.7520,
36.4055

131.7298,
140.6214, 155.0731

■ 20.2940, 21.9366,
24.4553

164.7094,
175.6444, 193.5199

■ 12.7185, 13.8103,
15.4564

202.7797,
216.0474, 237.8476

■ 7.3106, 7.9888,
8.9902

246.3058,
262.2148, 288.4748

■ 3.7052, 4.0878,
4.6380

295.6533,

■ 1.5367, 1.7228,

314.5309, 345.8201

1.9815

351.1874,
373.3802, 410.3021

■ 0.3506, 0.4384,
0.5439

■ 0.0000, 0.0000,
0.0000

■ 59.6807, 63.9882,
70.8335

■ 59.6807, 63.9882,
70.8335

■ 54.3204, 61.2268,
70.5780

■ 65.8267, 67.1583,
71.1284

■ 49.7090, 58.8497,
70.3563

■ 72.7827, 70.7440,
71.4599

■ 45.8148, 56.8423,
70.1681

■ 76.2970, 72.5556,
71.6303

■ 42.6019, 55.1861,
70.0118

■ 76.2981, 72.5561,
71.6363

■ 40.0310, 53.8608,
69.8855

■ 76.2993, 72.5565,
71.6423

■ 38.0590, 52.8444,
69.7873

■ 76.3004, 72.5570,
71.6483

■ 36.6375, 52.1117,
69.7148

■ 76.3015, 72.5574,
71.6543

■ 35.7107, 51.6340,
69.6655

■ 76.3027, 72.5579,
71.6603

■ 35.2107, 51.3764,
69.6361

■ 76.3038, 72.5583,
71.6663

Harmonies

Analogous

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



59.6331, 63.9882, 69.0343



59.6807, 63.9882, 70.8335



60.0320, 63.9882, 72.3460

Triad

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



59.6807, 63.9882, 70.8335



61.7454, 63.9882, 71.9602



61.0426, 63.9882, 66.3097

Complementary

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



59.6807, 63.9882, 70.8335



59.0017, 60.8741, 65.1430

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.



61.6126, 63.9882, 67.0653



59.6807, 63.9882, 70.8335



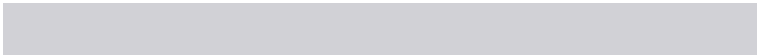
62.0202, 63.9882, 70.3142

Square

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



59.6807, 63.9882, 70.8335



61.2230, 63.9882, 73.0042



61.9714, 63.9882, 68.5238



60.4165, 63.9882, 66.4433

Rectangle

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



59.6807, 63.9882, 70.8335



60.3926, 63.9882, 72.9783



61.9714, 63.9882, 68.5238



61.2472, 63.9882, 66.4676

Sweetspot

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



59.6825, 63.9909, 70.8349



94.1179, 99.5195, 108.8555



58.7405, 63.6183, 65.6843



20.1549, 21.3063, 23.3000



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.



59.6825, 63.9909, 70.8349



90.5129, 97.6612, 108.6831



58.7334, 62.0919, 70.5207



12.5994, 13.6345, 15.2106



21.1472, 30.9518, 42.0168



1.1825, 1.7307, 2.3497

Inverse Universe

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



59.0017, 60.8741, 65.1430



89.1320, 91.3394, 97.1382



59.9263, 62.7240, 65.4492



12.3845, 12.6505, 13.4137



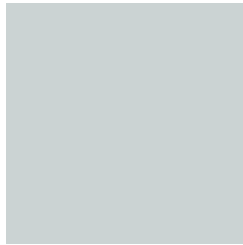
16.2128, 8.3580, 0.7608



0.9066, 0.4674, 0.0429

Previews

White Background



This preview shows how the XYZ color 59.6807, 63.9882, 70.8335 looks on a white background.

Color Contrast Check

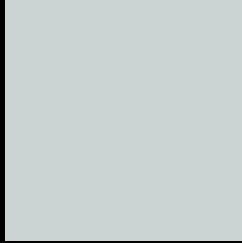
Large Text (above 18pt) WCAG AA × Fail

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 59.6807, 63.9882, 70.8335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

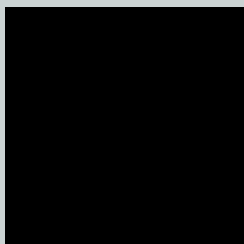
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

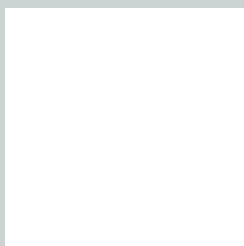
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.6807, 63.9882, 70.8335

Background



This preview shows how black text looks on a background with the XYZ color 59.6807, 63.9882, 70.8335.



This preview shows how white text looks on a background with the XYZ color 59.6807, 63.9882,

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

59.6807, 63.9882, 70.8335

Protanopia

61.5051, 63.8613, 69.4064

Deuteranopia

65.3611, 64.0099, 71.8610



Tritanopia

61.5679, 64.0163, 80.3456

Trichromacy



Original Color

59.6807, 63.9882, 70.8335

Protanomaly

60.7278, 63.8094, 70.0885

Deuteranomaly

63.1684, 63.9561, 71.3028

Tritanomaly

60.8667, 64.0979, 76.8743

Monochromacy



Original Color

59.6807, 63.9882, 70.8335

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.4116, 64.0117, 70.1442

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6807, 63.9882, 70.8335 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(203, 211, 211) looks like.

```
.text, #text, p{  
    color:rgb(203, 211, 211)  
}
```

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(203, 211, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 211, 211) }
```

Border

The CSS property to change the border of an element to XYZ 59.6807, 63.9882, 70.8335 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(203, 211, 211) }
```


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

```
.border{ border-color:rgb(203, 211, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 211, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 211, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 211, 211);  
box-shadow:4px 4px 4px 4px rgb(203, 211,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6807, 63.9882, 70.8335 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 211, 211) }
```

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

```
.background{ background-color: rgb(203,  
211, 211) }
```

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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