

Converting Colors

XYZ(58.0415, 63.4337, 70.6703)

Have a look what the booklet for
XYZ(58.0415, 63.4337, 70.6703)
contains.

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Color

**XYZ(58.0663, 63.5259,
70.8293)**

Conversions

Conversions Part 1

Format	Color
Hex	C4D4D3
RGB	196, 212, 211
RGB Percent	77%, 83%, 83%
CMY	0.2314, 0.1686, 0.1725
CMYK	0.08, 0.00, 0.00, 0.17
HSL	176°, 16%, 80%
HSV	176°, 8%, 83%
XYZ	58.0663, 63.5259, 70.8293
YIQ	207.1020, -9.2150, -3.7030

Conversions

Conversions Part 2

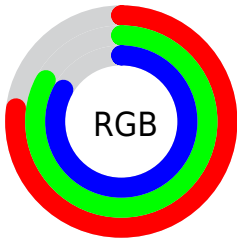
Format	Color
RYB	196, 204, 212
Decimal	12899539
CIELab	83.72, -5.56, -1.36
CIELCh	84, 5.726, 193.791
Yxy	63.5259, 0.3018, 0.3301
Android (android.graphics.Color)	4291089619 (0xFFC4D4D3)
YUV	207.1020, 1.9217, -9.7365
Hunter-Lab	79.7031, -9.4375, 3.1033

Details

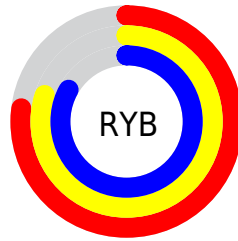
The XYZ color **58.0663, 63.5259, 70.8293** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9717, 57.5098, 60.9241**, and the grayscale version is **59.3677, 62.4594, 68.0183**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **29.2981, 32.2990, 36.5885** is the 20% darker color. If you saturate the color by 10%, you get **52.7713, 60.8172, 69.7164**, and if you desaturate by 10%, it is **64.1455, 66.6423, 71.9887**.

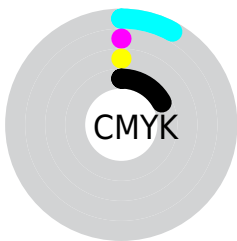
Distribution



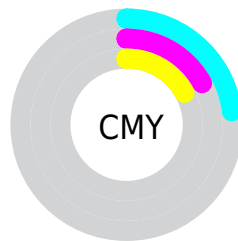
- Red (77%)
- Green (83%)
- Blue (83%)



- Red (77%)
- Yellow (80%)
- Blue (83%)



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



- Cyan (23%)
- Magenta (17%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0663, 63.5259, 70.8293 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 58.0663, 63.5259, 70.8293 by changing the saturation by 10% instead.

■ 58.0663, 63.5259,
70.8293

■ 58.0663, 63.5259,
70.8293

407.3828,
437.4756, 482.3241

■ 42.1054, 46.2668,
51.7219

101.1418,
109.9279, 122.0828

■ 29.3753, 32.4564,
36.4028

128.9872,
139.8395, 155.0661

■ 19.5106, 21.7103,
24.4533

161.5247,
174.7375, 193.5116

■ 12.1460, 13.6442,
15.4549

199.1198,
215.0061, 237.8382

■ 6.9161, 7.8736,
8.9891

242.1378,
261.0299, 288.4641

■ 3.4556, 4.0142,
4.6374

290.9441,

■ 1.3990, 1.6815,

313.1931, 345.8080

1.9811

345.9040,
371.8802, 410.2885

■ 0.2555, 0.4116,
0.5436

■ 0.0000, 0.0000,
0.0000

■ 58.0663, 63.5259,
70.8293

■ 58.0663, 63.5259,
70.8293

■ 52.7713, 60.8172,
69.7164

■ 64.1455, 66.6423,
71.9887

■ 48.2227, 58.4913,
68.6443

■ 71.0341, 70.1740,
73.1919

■ 44.3873, 56.5329,
67.6128

■ 77.0490, 73.2551,
74.3614

■ 41.2277, 54.9228,
66.6200

■ 77.2206, 73.3237,
75.2647

■ 38.7028, 53.6397,
65.6641

■ 77.3935, 73.3929,
76.1753

■ 36.7673, 52.6603,
64.7428

■ 77.5678, 73.4626,
77.0933

■ 35.3696, 51.9580,
63.8538

■ 77.7435, 73.5329,
78.0186

■ 34.4493, 51.5016,
62.9943

■ 77.9207, 73.6038,
78.9513

■ 33.9230, 51.2482,
62.1602

■ 78.0992, 73.6752,
79.8914

Harmonies

Analogous

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



58.0920, 63.5259, 67.2578



58.0663, 63.5259, 70.8293



58.6544, 63.5259, 74.0621

Triad

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



58.0663, 63.5259, 70.8293



62.0647, 63.5259, 74.2782



61.0555, 63.5259, 62.7432

Complementary

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



58.0663, 63.5259, 70.8293



56.9717, 57.5098, 60.9241

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.



62.1381, 63.5259, 64.4961



58.0663, 63.5259, 70.8293



62.7262, 63.5259, 71.1159

Square

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



58.0663, 63.5259, 70.8293



60.9565, 63.5259, 76.0995



62.7533, 63.5259, 67.5347



59.8061, 63.5259, 62.6724

Rectangle

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



58.0663, 63.5259, 70.8293



59.3201, 63.5259, 75.5559



62.7533, 63.5259, 67.5347



61.4514, 63.5259, 63.1524

Sweetspot

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



58.0681, 63.5286, 70.8307



93.1471, 99.0249, 108.5424



56.5526, 62.9545, 61.3963



19.9572, 21.2056, 23.2363



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.



58.0681, 63.5286, 70.8307



86.8741, 95.8118, 107.3126



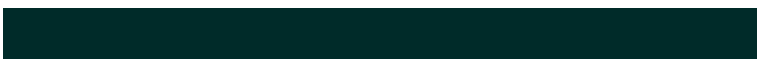
56.4977, 60.1859, 70.9298



12.7570, 14.0938, 15.8008



20.8918, 31.6121, 38.3217



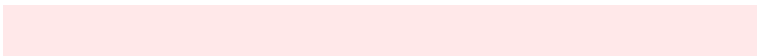
1.2705, 1.9109, 2.3662

Inverse Universe

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



56.9717, 57.5098, 60.9241



84.8886, 84.9126, 89.3731



58.4577, 60.6652, 60.8540



12.4545, 12.4333, 13.0677



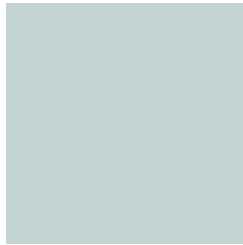
16.8207, 8.6646, 1.0938



1.0259, 0.5271, 0.1257

Previews

White Background



This preview shows how the XYZ color 58.0663, 63.5259, 70.8293 looks on a white background.

Color Contrast Check

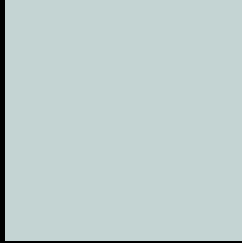
Large Text (above 18pt) WCAG AA × Fail

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 58.0663, 63.5259, 70.8293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

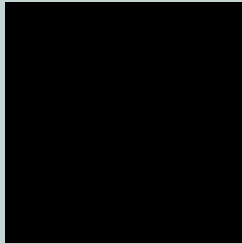
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

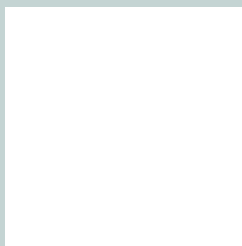
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0663, 63.5259, 70.8293

Background



This preview shows how black text looks on a background with the XYZ color 58.0663, 63.5259, 70.8293.



This preview shows how white text looks on a background with the XYZ color 58.0663, 63.5259,

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

58.0663, 63.5259, 70.8293

Protanopia

60.8494, 63.1768, 68.6617

Deuteranopia

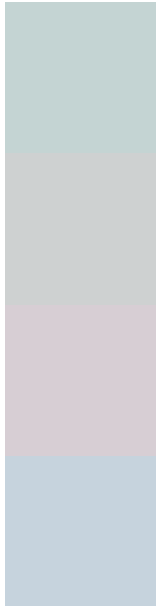
64.4948, 63.2139, 71.7531



Tritanopia

60.3272, 63.7263, 81.0723

Trichromacy



Original Color

58.0663, 63.5259, 70.8293

Protanomaly

59.7627, 63.3262, 69.3949

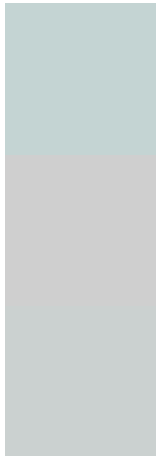
Deuteranomaly

61.9793, 63.3432, 71.2471

Tritanomaly

59.6341, 63.8148, 77.5810

Monochromacy



Original Color

58.0663, 63.5259, 70.8293

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.8142, 62.8515, 68.7062

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0663, 63.5259, 70.8293 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, 212, 211)` looks like.

```
.text, #text, p{  
    color:rgb(196, 212, 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(196, 212, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 212, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.0663, 63.5259, 70.8293 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, 212, 211) }
```


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

```
.border{ border-color:rgb(196, 212, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 212, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 212, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 212, 211);  
box-shadow:4px 4px 4px 4px rgb(196, 212,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0663, 63.5259, 70.8293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 212, 211) }
```

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

```
.background{ background-color: rgb(196,  
212, 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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