

Converting Colors

XYZ(58.0418, 63.8421, 70.8179)

Have a look what the booklet for
XYZ(58.0418, 63.8421, 70.8179)
contains.

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Color

**XYZ(58.0578, 63.8938,
70.9008)**

Conversions

Conversions Part 1

Format	Color
Hex	C3D5D3
RGB	195, 213, 211
RGB Percent	76%, 84%, 83%
CMY	0.2353, 0.1647, 0.1725
CMYK	0.08, 0.00, 0.01, 0.16
HSL	173°, 18%, 80%
HSV	173°, 8%, 84%
XYZ	58.0578, 63.8938, 70.9008
YIQ	207.3900, -10.0860, -4.4380

Conversions

Conversions Part 2

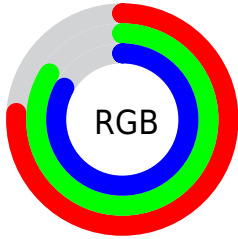
Format	Color
RYB	195, 205, 213
Decimal	12834259
CIELab	83.91, -6.41, -1.09
CIELCh	84, 6.502, 189.668
Yxy	63.8938, 0.3010, 0.3313
Android (android.graphics.Color)	4291024339 (0xFFC3D5D3)
YUV	207.3900, 1.7797, -10.8660
Hunter-Lab	79.9336, -10.2347, 3.3635

Details

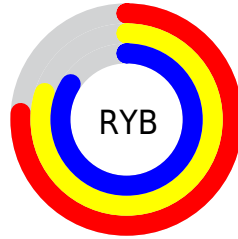
The XYZ color **58.0578, 63.8938, 70.9008** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0361, 57.2092, 60.8626**, and the grayscale version is **59.5547, 62.6562, 68.2326**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **29.2972, 32.5508, 36.6371** is the 20% darker color. If you saturate the color by 10%, you get **52.6475, 61.1405, 69.1090**, and if you desaturate by 10%, it is **64.2612, 67.0589, 72.7552**.

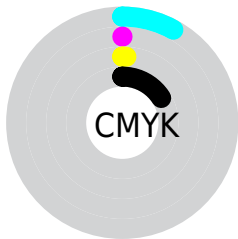
Distribution



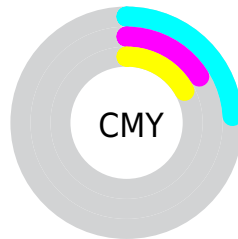
- Red (76%)
- Green (84%)
- Blue (83%)



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



- Cyan (8%)
- Magenta (0%)
- Yellow (1%)
- Black (16%)



- Cyan (24%)
- Magenta (16%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0578, 63.8938, 70.9008 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 58.0578, 63.8938, 70.9008 by changing the saturation by 10% instead.

■ 58.0578, 63.8938,
70.9008

■ 58.0578, 63.8938,
70.9008

407.3517,
438.8060, 482.5809

■ 42.0986, 46.5647,
51.7799

■ 101.1295,
110.4580, 122.1856

■ 29.3699, 32.6916,
36.4486

128.9727,
140.4618, 155.1866

■ 19.5065, 21.8903,
24.4885

161.5079,
175.4593, 193.6514

■ 12.1430, 13.7763,
15.4808

199.1005,
215.8349, 237.9985

■ 6.9140, 7.9653,
9.0072

242.1158,
261.9730, 288.6464

■ 3.4543, 4.0727,
4.6490

290.9192,

■ 1.3983, 1.7143,

314.2579, 346.0138

1.9877

345.8760,
373.0742, 410.5191

■ 0.2550, 0.4329,
0.5477

■ 0.0000, 0.0000,
0.0000

■ 58.0578, 63.8938,
70.9008

■ 58.0578, 63.8938,
70.9008

■ 52.6475, 61.1405,
69.1090

■ 64.2612, 67.0589,
72.7552

■ 47.9918, 58.7740,
67.3740

■ 71.2834, 70.6439,
74.6696

■ 44.0570, 56.7786,
65.6954

■ 77.7051, 73.9188,
76.5790

■ 40.8049, 55.1347,
64.0713

■ 78.0178, 74.0439,
78.2256

■ 38.1937, 53.8206,
62.4998

■ 78.3349, 74.1707,
79.8957

■ 36.1767, 52.8124,
60.9784

■ 78.6565, 74.2994,
81.5894

■ 34.7013, 52.0829,
59.5046

■ 78.9827, 74.4298,
83.3067

■ 33.7053, 51.6001,
58.0755

■ 79.3133, 74.5621,
85.0477

■ 33.0949, 51.3155,
56.6865

■ 79.6484, 74.6961,
86.8126

Harmonies

Analogous

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



58.1863, 63.8938, 66.8681



58.0578, 63.8938, 70.9008



58.6364, 63.8938, 74.7200

Triad

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



58.0578, 63.8938, 70.9008



62.5019, 63.8938, 75.8110



61.6899, 63.8938, 62.4412

Complementary

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



58.0578, 63.8938, 70.9008



57.0361, 57.2092, 60.8626

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.



62.8711, 63.8938, 64.6612



58.0578, 63.8938, 70.9008



63.3450, 63.8938, 72.3426

Square

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



58.0578, 63.8938, 70.9008



61.1922, 63.8938, 77.6275



63.4812, 63.8938, 68.2549



60.2684, 63.8938, 62.0893

Rectangle

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



58.0578, 63.8938, 70.9008



59.3506, 63.8938, 76.5925



63.4812, 63.8938, 68.2549



62.1288, 63.8938, 62.9895

Sweetspot

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



58.0596, 63.8965, 70.9022



92.1546, 98.5231, 108.0507



56.6986, 63.4152, 60.8827



19.5633, 21.0056, 23.0790



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.



58.0596, 63.8965, 70.9022



85.8293, 95.2990, 106.1013



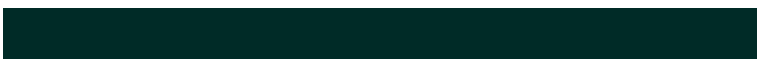
56.6132, 60.5992, 71.6670



12.7299, 14.0830, 15.6580



20.1889, 31.3309, 34.6198



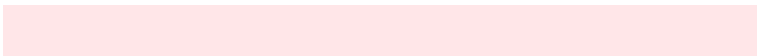
1.2351, 1.8967, 2.1795

Inverse Universe

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



57.0361, 57.2092, 60.8626



84.0114, 83.4211, 88.2696



58.3902, 60.2825, 60.1889



12.4789, 12.4431, 13.1961



16.8796, 8.6881, 1.4039



1.0374, 0.5318, 0.1865

Previews

White Background



This preview shows how the XYZ color 58.0578, 63.8938, 70.9008 looks on a white background.

Color Contrast Check

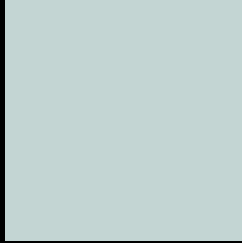
Large Text (above 18pt) WCAG AA × Fail

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 58.0578, 63.8938, 70.9008 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

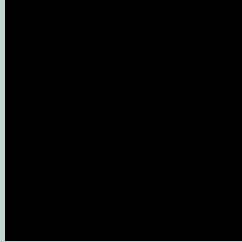
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

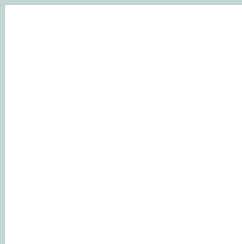
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.0578, 63.8938, 70.9008

Background



This preview shows how black text looks on a background with the XYZ color 58.0578, 63.8938, 70.9008.



This preview shows how white text looks on a background with the XYZ color 58.0578, 63.8938,

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

58.0578, 63.8938, 70.9008

Protanopia

61.3816, 63.8120, 68.7563

Deuteranopia

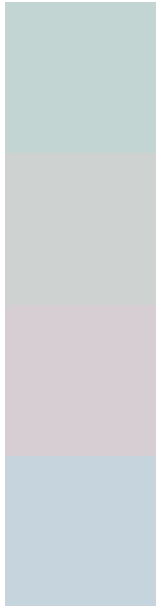
64.8093, 63.3760, 71.7678



Tritanopia

60.4481, 64.1403, 81.8674

Trichromacy



Original Color

58.0578, 63.8938, 70.9008

Protanomaly

60.0088, 63.8184, 69.4770

Deuteranomaly

61.9793, 63.3432, 71.2471

Tritanomaly

59.6206, 64.1777, 77.6518

Monochromacy



Original Color

58.0578, 63.8938, 70.9008

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 58.0578, 63.8938, 70.9008 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, 211) looks like.

```
.text, #text, p{  
    color:rgb(195, 213, 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(195, 213, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 213, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.0578, 63.8938, 70.9008 is called "border". The border property can be set on classes, ids or directly on the HTML element.

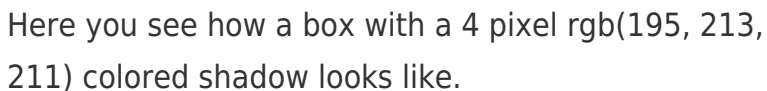
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(195, 213, 211) }
```


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

```
.border{ border-color:rgb(195, 213, 211) }
```

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, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 213, 211); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 213, 211); box-shadow:4px 4px 4px 4px rgb(195, 213, 211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0578, 63.8938, 70.9008 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, 211) }
```

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

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