

Converting Colors

XYZ(57.0703, 63.0952, 69.8983)

Have a look what the booklet for
XYZ(57.0703, 63.0952, 69.8983)
contains.

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Color

**XYZ(57.1687, 63.0776,
70.1348)**

Conversions

Conversions Part 1

Format	Color
Hex	C1D4D2
RGB	193, 212, 210
RGB Percent	76%, 83%, 82%
CMY	0.2431, 0.1686, 0.1765
CMYK	0.09, 0.00, 0.01, 0.17
HSL	174°, 18%, 79%
HSV	174°, 9%, 83%
XYZ	57.1687, 63.0776, 70.1348
YIQ	206.0910, -10.6820, -4.6500

Conversions

Conversions Part 2

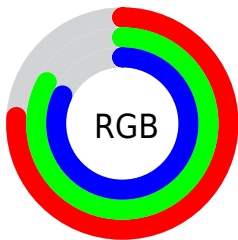
Format	Color
RYB	193, 203, 212
Decimal	12702930
CIELab	83.48, -6.74, -1.20
CIELCh	83, 6.851, 190.105
Yxy	63.0776, 0.3003, 0.3313
Android (android.graphics.Color)	4290893010 (0xFFC1D4D2)
YUV	206.0910, 1.9271, -11.4808
Hunter-Lab	79.4214, -10.5005, 3.2377

Details

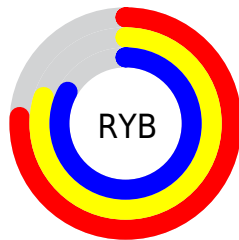
The XYZ color **57.1687, 63.0776, 70.1348** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0740, 56.0789, 59.5017**, and the grayscale version is **58.7189, 61.7769, 67.2750**.

A 20% lighter version of the original color is **93.2343, 99.0640, 108.8150**, and **28.7052, 32.0032, 36.1168** is the 20% darker color. If you saturate the color by 10%, you get **51.8708, 60.3801, 68.4446**, and if you desaturate by 10%, it is **63.2488, 66.1814, 71.8845**.

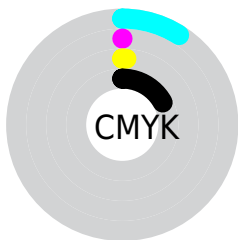
Distribution



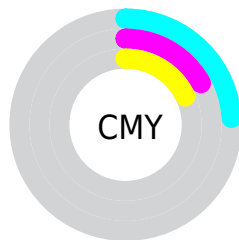
- Red (76%)
- Green (83%)
- Blue (82%)



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



- Cyan (9%)
- Magenta (0%)
- Yellow (1%)
- Black (17%)



- Cyan (24%)
- Magenta (17%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.1687, 63.0776, 70.1348 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 57.1687, 63.0776, 70.1348 by changing the saturation by 10% instead.

■ 57.1687, 63.0776,
70.1348

■ 57.1687, 63.0776,
70.1348

404.0851,
435.8511, 479.8251

■ 41.3814, 45.9040,
51.1590

■ 99.8412, 109.2815,
121.0839

■ 28.8062, 32.1701,
35.9575

127.4572,
139.0805, 153.8942

■ 19.0778, 21.4914,
24.1120

159.7466,
173.8568, 192.1531

■ 11.8308, 13.4837,
15.2037

197.0751,
213.9947, 236.2791

■ 6.7000, 7.7625,
8.8143

239.8078,
259.8788, 286.6908

■ 3.3198, 3.9433,
4.5251

288.3101,

■ 1.3251, 1.6419,

311.8932, 343.8066

1.9176

342.9474,
370.4225, 408.0452

■ 0.2019, 0.3856,
0.5039

■ 0.0000, 0.0000,
0.0000

■ 57.1687, 63.0776,
70.1348

■ 57.1687, 63.0776,
70.1348

■ 51.8708, 60.3801,
68.4446

■ 63.2488, 66.1814,
71.8845

■ 47.3169, 58.0640,
66.8081

■ 70.1367, 69.6993,
73.6912

■ 43.4737, 56.1138,
65.2250

■ 77.2709, 73.3438,
75.5298

■ 40.3032, 54.5100,
63.6935

■ 77.5631, 73.4607,
77.0687

■ 37.7638, 53.2310,
62.2115

■ 77.8593, 73.5792,
78.6285

■ 35.8092, 52.2531,
60.7767

■ 78.1595, 73.6993,
80.2092

■ 34.3870, 51.5492,
59.3867

■ 78.4637, 73.8209,
81.8108

■ 33.4351, 51.0874,
58.0384

■ 78.7718, 73.9442,
83.4335

■ 32.8540, 50.8163,
56.7271

■ 79.0840, 74.0691,
85.0773

Harmonies

Analogous

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



57.2918, 63.0776, 65.9182



57.1687, 63.0776, 70.1348



57.7823, 63.0776, 74.1197

Triad

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



57.1687, 63.0776, 70.1348



61.8236, 63.0776, 75.1695



60.9365, 63.0776, 61.2294

Complementary

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



57.1687, 63.0776, 70.1348



56.0740, 56.0789, 59.5017

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.



62.1782, 63.0776, 63.5147



57.1687, 63.0776, 70.1348



62.6962, 63.0776, 71.5195

Square

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



57.1687, 63.0776, 70.1348



60.4589, 63.0776, 77.1054



62.8270, 63.0776, 67.2470



59.4506, 63.0776, 60.8933

Rectangle

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



57.1687, 63.0776, 70.1348



58.5325, 63.0776, 76.0651



62.8270, 63.0776, 67.2470



61.3970, 63.0776, 61.7905

Sweetspot

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



57.1705, 63.0803, 70.1362



92.1617, 98.5260, 108.0885



55.7328, 62.5710, 59.5931



19.5652, 21.0064, 23.0892



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.



57.1705, 63.0803, 70.1362



85.0003, 94.8738, 105.9636



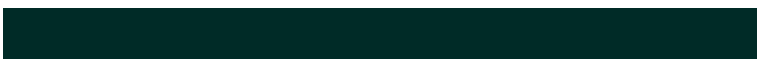
55.6415, 59.6204, 70.8658



12.7331, 14.0843, 15.6752



20.2710, 31.3638, 35.0526



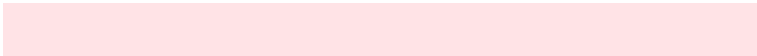
1.2392, 1.8983, 2.2015

Inverse Universe

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



56.0740, 56.0789, 59.5017



82.9653, 81.8788, 86.2260



57.4992, 59.2894, 58.8666



12.4759, 12.4419, 13.1805



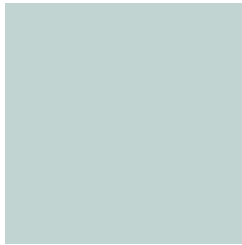
16.8712, 8.6848, 1.3599



1.0360, 0.5312, 0.1792

Previews

White Background



This preview shows how the XYZ color 57.1687, 63.0776, 70.1348 looks on a white background.

Color Contrast Check

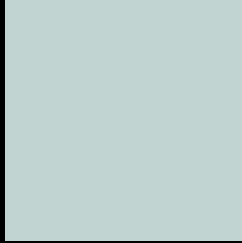
Large Text (above 18pt) WCAG AA × Fail

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 57.1687, 63.0776, 70.1348 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

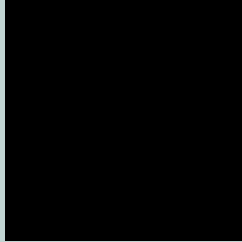
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

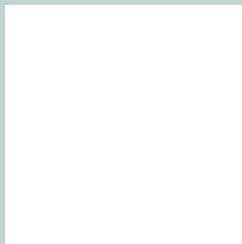
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.1687, 63.0776, 70.1348

Background



This preview shows how black text looks on a background with the XYZ color 57.1687, 63.0776, 70.1348.



This preview shows how white text looks on a background with the XYZ color 57.1687, 63.0776,

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

57.1687, 63.0776, 70.1348

Protanopia

60.4393, 62.9795, 68.0023

Deuteranopia

64.1343, 62.6955, 71.0086



Tritanopia

59.5390, 63.3199, 81.0354

Trichromacy



Original Color

57.1687, 63.0776, 70.1348

Protanomaly

59.0875, 62.9924, 68.7190

Deuteranomaly

61.3207, 62.6619, 70.4910

Tritanomaly

58.7182, 63.3579, 76.8447

Monochromacy



Original Color

57.1687, 63.0776, 70.1348

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

57.9058, 62.0343, 67.9533

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.1687, 63.0776, 70.1348 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(193, 212, 210)` looks like.

```
.text, #text, p{  
    color:rgb(193, 212, 210)  
}
```

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(193, 212, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 212, 210) }
```

Border

The CSS property to change the border of an element to XYZ 57.1687, 63.0776, 70.1348 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(193, 212, 210) }
```


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

```
.border{ border-color:rgb(193, 212, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 212, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 212, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 212, 210);  
box-shadow:4px 4px 4px 4px rgb(193, 212,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 57.1687, 63.0776, 70.1348 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 212, 210) }
```

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

```
.background{ background-color: rgb(193,  
212, 210) }
```

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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