

Converting Colors

XYZ(58.4531, 64.0344, 63.3328)

Have a look what the booklet for
XYZ(58.4531, 64.0344, 63.3328)
contains.

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Color

**XYZ(58.4809, 63.9070,
63.2858)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD4C7
RGB	203, 212, 199
RGB Percent	80%, 83%, 78%
CMY	0.2039, 0.1686, 0.2196
CMYK	0.04, 0.00, 0.06, 0.17
HSL	102°, 13%, 81%
HSV	102°, 6%, 83%
XYZ	58.4809, 63.9070, 63.2858
YIQ	207.8270, -1.1910, -5.9510

Conversions

Conversions Part 2

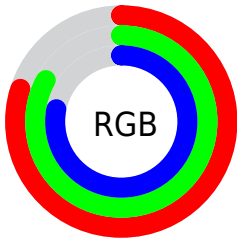
Format	Color
RYB	199, 212, 208
Decimal	13358279
CIELab	83.92, -5.41, 5.36
CIELCh	84, 7.618, 135.257
Yxy	63.9070, 0.3150, 0.3442
Android (android.graphics.Color)	4291548359 (0xFFCBD4C7)
YUV	207.8270, -4.3517, -4.2333
Hunter-Lab	79.9419, -9.3178, 9.0225

Details

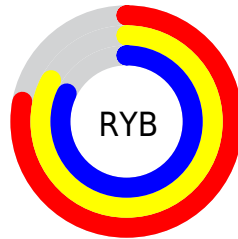
The XYZ color **58.4809, 63.9070, 63.2858** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.3219, 59.0119, 70.6072**, and the grayscale version is **59.8715, 62.9895, 68.5956**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5622, 32.5478, 31.5123** is the 20% darker color. If you saturate the color by 10%, you get **52.3791, 61.0281, 51.0337**, and if you desaturate by 10%, it is **65.3078, 67.1237, 77.3646**.

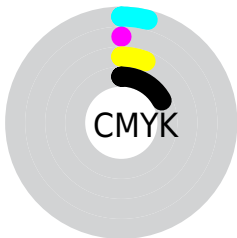
Distribution



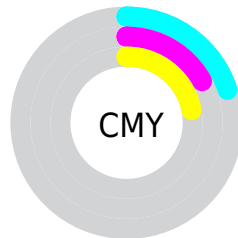
- Red (80%)
- Green (83%)
- Blue (78%)



- Red (78%)
- Yellow (83%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (17%)



- Cyan (20%)
- Magenta (17%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4809, 63.9070, 63.2858 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 58.4809, 63.9070, 63.2858 by changing the saturation by 10% instead.

■ 58.4809, 63.9070,
63.2858

■ 58.4809, 63.9070,
63.2858

408.9005,
438.8537, 454.7424

■ 42.4401, 46.5754,
45.6300

101.7418,
110.4770, 111.1713

■ 29.6387, 32.7001,
31.6074

129.6926,
140.4841, 142.2380

■ 19.7112, 21.8968,
20.7994

162.3442,
175.4852, 178.6121

■ 12.2923, 13.7811,
12.7877

200.0618,
215.8646, 220.7122

■ 7.0167, 7.9686,
7.1535

243.2110,
262.0068, 268.9567

■ 3.5190, 4.0748,
3.4784

292.1569,

■ 1.4338, 1.7155,

314.2961, 323.7642

1.3438

347.2649,
373.1170, 385.5533

■ 0.2801, 0.4337,
0.0973

■ 0.0000, 0.0000,
0.0000

■ 58.4809, 63.9070,
63.2858

■ 58.4809, 63.9070,
63.2858

■ 52.3791, 61.0281,
51.0337

■ 65.3078, 67.1237,
77.3646

■ 46.9725, 58.4679,
40.5295

■ 72.8778, 70.6805,
93.3363

■ 42.2370, 56.2172,
31.6945

■ 79.9663, 74.0907,
104.6940

■ 38.1447, 54.2638,
24.4427

■ 82.8347, 75.5695,
104.8282

■ 34.6659, 52.5944,
18.6803

■ 31.7683, 51.1945,
14.3036

■ 29.4163, 50.0483,
11.1956

■ 27.5695, 49.1381,
9.2199

■ 26.1800, 48.4428,
8.2060

Harmonies

Analogous

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



59.8974, 63.9070, 61.0524



58.4809, 63.9070, 63.2858



57.6775, 63.9070, 67.2609

Triad

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



58.4809, 63.9070, 63.2858



59.9251, 63.9070, 78.8985



63.9048, 63.9070, 67.1828

Complementary

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



58.4809, 63.9070, 63.2858



58.3219, 59.0119, 70.6072

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.



63.9125, 63.9070, 71.9597



58.4809, 63.9070, 63.2858



61.5938, 63.9070, 78.8752

Square

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



58.4809, 63.9070, 63.2858



58.5008, 63.9070, 76.3487



63.0600, 63.9070, 76.2865



63.0391, 63.9070, 63.2309

Rectangle

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



58.4809, 63.9070, 63.2858



57.5881, 63.9070, 70.4331



63.0600, 63.9070, 76.2865



64.0083, 63.9070, 68.7415

Sweetspot

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



58.4827, 63.9097, 63.2872



92.9524, 99.0123, 104.5724



59.9902, 63.1782, 63.0665



19.9177, 21.2031, 22.4281



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.



58.4827, 63.9097, 63.2872



87.9062, 96.6340, 94.2548



57.6863, 63.4670, 64.7063



12.8835, 14.2046, 13.7501



15.9794, 29.8140, 4.9125



1.0476, 1.8414, 0.3002

Inverse Universe

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



58.3219, 59.0119, 70.6072



87.6264, 88.1087, 106.9960



59.1623, 59.4796, 69.0880



12.8397, 12.8698, 15.7449



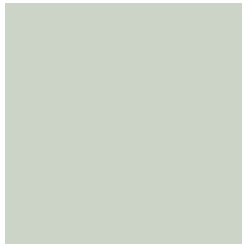
14.8480, 6.8069, 38.9844



0.9784, 0.4533, 2.3552

Previews

White Background



This preview shows how the XYZ color 58.4809, 63.9070, 63.2858 looks on a white background.

Color Contrast Check

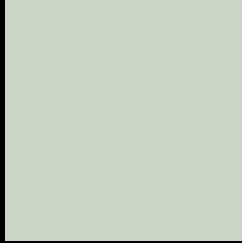
Large Text (above 18pt) WCAG AA × Fail

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 58.4809, 63.9070, 63.2858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

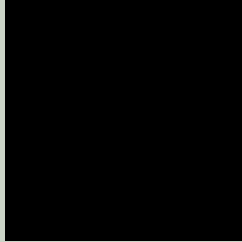
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

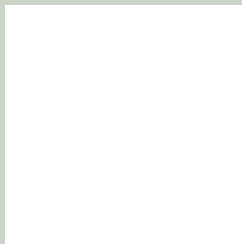
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4809, 63.9070, 63.2858

Background



This preview shows how black text looks on a background with the XYZ color 58.4809, 63.9070, 63.2858.



This preview shows how white text looks on a background with the XYZ color 58.4809, 63.9070,

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

58.4809, 63.9070, 63.2858

Protanopia

60.9528, 63.7419, 61.9142

Deuteranopia

64.9419, 63.6139, 64.1142



Tritanopia

61.8786, 63.8134, 80.2900

Trichromacy



Original Color

58.4809, 63.9070, 63.2858

Protanomaly

59.8575, 63.5270, 62.5332

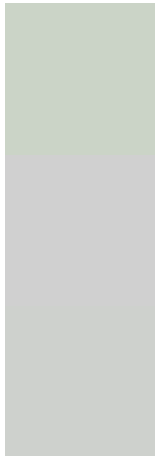
Deuteranomaly

62.3154, 63.6849, 63.6516

Tritanomaly

60.6487, 63.6806, 74.0608

Monochromacy



Original Color

58.4809, 63.9070, 63.2858

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.2735, 63.1305, 66.8190

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4809, 63.9070, 63.2858 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, 212, 199) looks like.

```
.text, #text, p{  
    color:rgb(203, 212, 199)  
}
```

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, 212, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 212, 199) }
```

Border

The CSS property to change the border of an element to XYZ 58.4809, 63.9070, 63.2858 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, 212, 199) }
```


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

```
.border{ border-color:rgb(203, 212, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 212, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 212, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 212, 199);  
box-shadow:4px 4px 4px 4px rgb(203, 212,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4809, 63.9070, 63.2858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 212, 199) }
```

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

```
.background{ background-color: rgb(203,  
212, 199) }
```

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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