

Converting Colors

XYZ(58.1166, 64.4134, 65.8708)

Have a look what the booklet for
XYZ(58.1166, 64.4134, 65.8708)
contains.

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Color

**XYZ(58.1148, 64.4107,
65.8694)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D6CB
RGB	198, 214, 203
RGB Percent	78%, 84%, 80%
CMY	0.2235, 0.1608, 0.2039
CMYK	0.07, 0.00, 0.05, 0.16
HSL	139°, 16%, 81%
HSV	139°, 7%, 84%
XYZ	58.1148, 64.4107, 65.8694
YIQ	207.9620, -6.0050, -6.8130

Conversions

Conversions Part 2

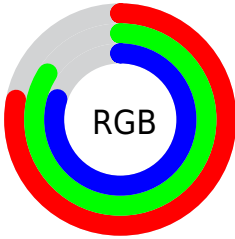
Format	Color
RYB	198, 210, 214
Decimal	13031115
CIELab	84.18, -7.43, 3.57
CIELCh	84, 8.243, 154.314
Yxy	64.4107, 0.3085, 0.3419
Android (android.graphics.Color)	4291221195 (0xFFC6D6CB)
YUV	207.9620, -2.4463, -8.7367
Hunter-Lab	80.2563, -11.1939, 7.5178

Details

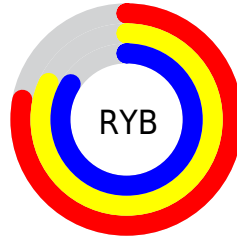
The XYZ color **58.1148, 64.4107, 65.8694** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.4367, 59.2895, 68.6362**, and the grayscale version is **59.9493, 63.0713, 68.6846**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3246, 32.8955, 33.2377** is the 20% darker color. If you saturate the color by 10%, you get **51.1966, 61.0392, 56.8228**, and if you desaturate by 10%, it is **66.0001, 68.2652, 75.8328**.

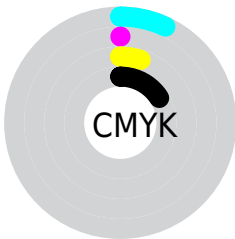
Distribution



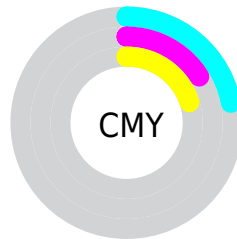
- Red (78%)
- Green (84%)
- Blue (80%)



- Red (78%)
- Yellow (82%)
- Blue (84%)



- Cyan (7%)
- Magenta (0%)
- Yellow (5%)
- Black (16%)



- Cyan (22%)
- Magenta (16%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1148, 64.4107, 65.8694 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 58.1148, 64.4107, 65.8694 by changing the saturation by 10% instead.

■ 58.1148, 64.4107,
65.8694

■ 58.1148, 64.4107,
65.8694

407.5605,
440.6712, 464.3011

■ 42.1446, 46.9834,
47.7106

101.2120,
111.2022, 114.9241

■ 29.4061, 33.0225,
33.2394

129.0697,
141.3352, 146.6570

■ 19.5341, 22.1437,
22.0373

161.6206,
176.4722, 183.7518

■ 12.1631, 13.9625,
13.6857

199.2301,
216.9976, 226.6268

■ 6.9278, 8.0946,
7.7662

242.2634,
263.2958, 275.7007

■ 3.4629, 4.1555,
3.8601

291.0861,

■ 1.4030, 1.7609,

315.7512, 331.3921

1.5489

346.0633,
374.7482, 394.1194

■ 0.2584, 0.4627,
0.2540

■ 0.0000, 0.0000,
0.0000

■ 58.1148, 64.4107,
65.8694

■ 58.1148, 64.4107,
65.8694

■ 51.1966, 61.0392,
56.8228

■ 66.0001, 68.2652,
75.8328

■ 45.2023, 58.1234,
48.6629

■ 74.8828, 72.6123,
86.7336

■ 40.0932, 55.6458,
41.3641

■ 82.0986, 76.0799,
98.4706

■ 35.8259, 53.5846,
34.8979

■ 83.3378, 76.5756,
104.9959

■ 32.3532, 51.9161,
29.2345

■ 29.6229, 50.6141,
24.3421

■ 27.5764, 49.6489,
20.1866

■ 26.1456, 48.9863,
16.7314

■ 25.2390, 48.5799,
13.9361

Harmonies

Analogous

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



59.2651, 64.4107, 62.1612



58.1148, 64.4107, 65.8694



57.7904, 64.4107, 70.8904

Triad

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



58.1148, 64.4107, 65.8694



61.4846, 64.4107, 80.6293



64.1623, 64.4107, 64.6226

Complementary

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



58.1148, 64.4107, 65.8694



59.4367, 59.2895, 68.6362

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.



64.7836, 64.4107, 69.3797



58.1148, 64.4107, 65.8694



63.2183, 64.4107, 78.7573

Square

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



58.1148, 64.4107, 65.8694



59.7133, 64.4107, 79.5762



64.4348, 64.4107, 74.5753



62.7528, 64.4107, 61.4668

Rectangle

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



58.1148, 64.4107, 65.8694



58.0805, 64.4107, 74.3485



64.4348, 64.4107, 74.5753



64.4715, 64.4107, 66.0786

Sweetspot

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



58.1166, 64.4134, 65.8708



92.6390, 98.8217, 105.8670



60.5932, 65.7579, 62.9260



19.8538, 21.1643, 22.6918



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.



58.1166, 64.4134, 65.8708



84.6675, 94.9292, 95.6927



59.0703, 64.7949, 70.8927



12.4206, 13.9593, 14.0295



15.1859, 29.3297, 8.2748



0.9529, 1.7838, 0.6935

Inverse Universe

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



59.4367, 59.2895, 68.6362



87.0276, 85.7681, 100.6366



58.4939, 58.9124, 63.6715



12.7802, 12.5636, 14.7827



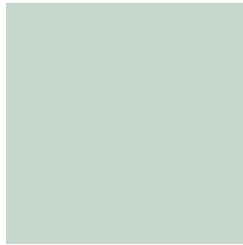
20.0006, 9.9366, 17.8392



1.2429, 0.6139, 1.2684

Previews

White Background



This preview shows how the XYZ color 58.1148, 64.4107, 65.8694 looks on a white background.

Color Contrast Check

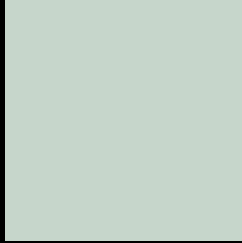
Large Text (above 18pt) WCAG AA × Fail

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 58.1148, 64.4107, 65.8694 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

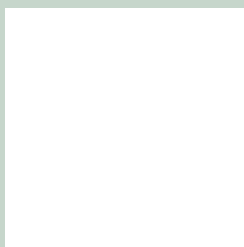
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1148, 64.4107, 65.8694

Background



This preview shows how black text looks on a background with the XYZ color 58.1148, 64.4107, 65.8694.



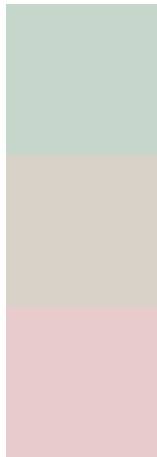
This preview shows how white text looks on a background with the XYZ color 58.1148, 64.4107,

65.8694.

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

58.1148, 64.4107, 65.8694

Protanopia

61.5447, 64.3700, 63.8245

Deuteranopia

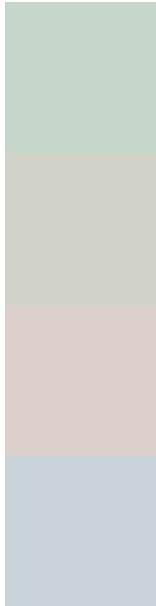
65.6541, 64.2755, 66.7037



Tritanopia

61.2688, 64.1958, 81.8349

Trichromacy



Original Color

58.1148, 64.4107, 65.8694

Protanomaly

60.1314, 64.3609, 64.5120

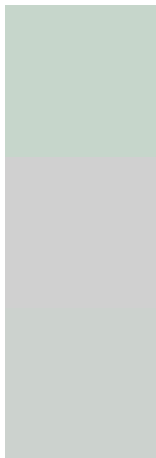
Deuteranomaly

62.7271, 64.2009, 66.2127

Tritanomaly

60.0365, 64.0680, 75.5318

Monochromacy



Original Color

58.1148, 64.4107, 65.8694

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.0890, 63.3868, 67.5131

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1148, 64.4107, 65.8694 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(198, 214, 203) looks like.

```
.text, #text, p{  
    color:rgb(198, 214, 203)  
}
```

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(198, 214, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 214, 203) }
```

Border

The CSS property to change the border of an element to XYZ 58.1148, 64.4107, 65.8694 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(198, 214, 203) }
```


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

```
.border{ border-color:rgb(198, 214, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 214, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 214, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 214, 203);  
box-shadow:4px 4px 4px 4px rgb(198, 214,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1148, 64.4107, 65.8694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 214, 203) }
```

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

```
.background{ background-color: rgb(198,  
214, 203) }
```

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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