

Converting Colors

XYZ(58.2204, 64.3872, 65.9771)

Have a look what the booklet for
XYZ(58.2204, 64.3872, 65.9771)
contains.

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Color

**XYZ(58.3792, 64.5470,
65.8818)**

Conversions

Conversions Part 1

Format	Color
Hex	C7D6CB
RGB	199, 214, 203
RGB Percent	78%, 84%, 80%
CMY	0.2196, 0.1608, 0.2039
CMYK	0.07, 0.00, 0.05, 0.16
HSL	136°, 15%, 81%
HSV	136°, 7%, 84%
XYZ	58.3792, 64.5470, 65.8818
YIQ	208.2610, -5.4090, -6.6010

Conversions

Conversions Part 2

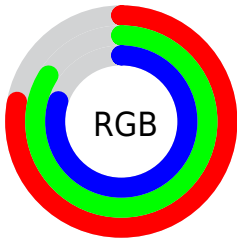
Format	Color
RYB	199, 211, 214
Decimal	13096651
CIELab	84.25, -7.09, 3.68
CIELCh	84, 7.990, 152.544
Yxy	64.5470, 0.3092, 0.3419
Android (android.graphics.Color)	4291286731 (0xFFC7D6CB)
YUV	208.2610, -2.5937, -8.1219
Hunter-Lab	80.3411, -10.8915, 7.6195

Details

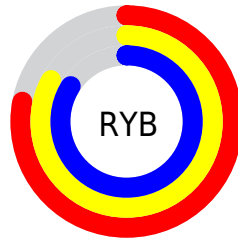
The XYZ color **58.3792, 64.5470, 65.8818** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.7901, 59.7977, 69.3666**, and the grayscale version is **60.1438, 63.2760, 68.9075**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5000, 32.9859, 33.2459** is the 20% darker color. If you saturate the color by 10%, you get **51.3190, 61.1144, 56.2776**, and if you desaturate by 10%, it is **66.4310, 68.4725, 76.5236**.

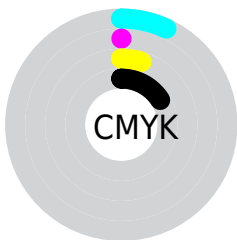
Distribution



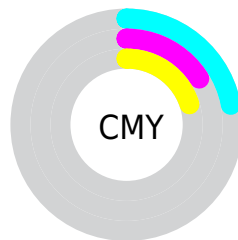
- Red (78%)
- Green (84%)
- Blue (80%)



- Red (78%)
- Yellow (83%)
- 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 58.3792, 64.5470, 65.8818 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 58.3792, 64.5470, 65.8818 by changing the saturation by 10% instead.

■ 58.3792, 64.5470,
65.8818

■ 58.3792, 64.5470,
65.8818

408.5286,
441.1623, 464.3467

■ 42.3580, 47.0939,
47.7206

101.5947,
111.3983, 114.9421

■ 29.5741, 33.1099,
33.2472

129.5196,
141.5653, 146.6782

■ 19.6620, 22.2106,
22.0433

162.1433,
176.7390, 183.7763

■ 12.2564, 14.0117,
13.6901

199.8309,
217.3038, 226.6551

■ 6.9920, 8.1288,
7.7691

242.9479,
263.6442, 275.7329

■ 3.5034, 4.1775,
3.8619

291.8596,

■ 1.4252, 1.7733,

316.1444, 331.4285

1.5499

346.9314,
375.1890, 394.1602

■ 0.2741, 0.4705,
0.2547

■ 0.0000, 0.0000,
0.0000

■ 58.3792, 64.5470,
65.8818

■ 58.3792, 64.5470,
65.8818

■ 51.3190, 61.1144,
56.2776

■ 66.4310, 68.4725,
76.5236

■ 45.2061, 58.1472,
47.6756

■ 75.5054, 72.9009,
88.2284

■ 40.0011, 55.6274,
40.0447

■ 82.5566, 76.2631,
100.8820

■ 35.6594, 53.5329,
33.3506

■ 83.3378, 76.5756,
104.9959

■ 32.1329, 51.8395,
27.5568

■ 29.3683, 50.5206,
22.6246

■ 27.3059, 49.5463,
18.5124

■ 25.8765, 48.8817,
15.1749

■ 24.9905, 48.4819,
12.5622

Harmonies

Analogous

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



59.5373, 64.5470, 62.3802



58.3792, 64.5470, 65.8818



58.0124, 64.5470, 70.7143

Triad

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



58.3792, 64.5470, 65.8818



61.5012, 64.5470, 80.4748



64.2639, 64.5470, 65.1666

Complementary

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



58.3792, 64.5470, 65.8818



59.7901, 59.7977, 69.3666

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.



64.8132, 64.5470, 69.8489



58.3792, 64.5470, 65.8818



63.1991, 64.5470, 78.8216

Square

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



58.3792, 64.5470, 65.8818



59.7941, 64.5470, 79.2896



64.4199, 64.5470, 74.8712



62.9326, 64.5470, 61.9814

Rectangle

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



58.3792, 64.5470, 65.8818



58.2600, 64.5470, 74.0844



64.4199, 64.5470, 74.8712



64.5473, 64.5470, 66.6095

Sweetspot

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



58.3810, 64.5498, 65.8832



92.6021, 98.8070, 105.6726



61.0075, 65.9581, 63.5494



19.8463, 21.1613, 22.6522



0.0000, 0.0000, 0.0000



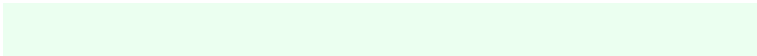
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



58.3810, 64.5498, 65.8832



85.6230, 95.4077, 96.3712



59.2659, 64.9037, 70.5428



12.3970, 13.9498, 13.9052



15.0189, 29.2629, 7.3954



0.9403, 1.7788, 0.6276

Inverse Universe

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



59.7901, 59.7977, 69.3666



88.0205, 87.3225, 102.2977



58.9067, 59.4443, 64.7144



12.8051, 12.5735, 14.9139



20.4827, 10.1294, 20.3776



1.2689, 0.6243, 1.4054

Previews

White Background



This preview shows how the XYZ color 58.3792, 64.5470, 65.8818 looks on a white background.

Color Contrast Check

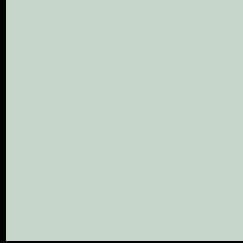
Large Text (above 18pt) WCAG AA × Fail

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 58.3792, 64.5470, 65.8818 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

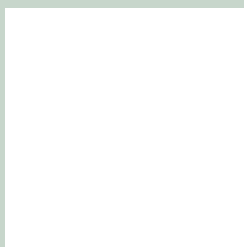
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3792, 64.5470, 65.8818

Background



This preview shows how black text looks on a background with the XYZ color 58.3792, 64.5470, 65.8818.



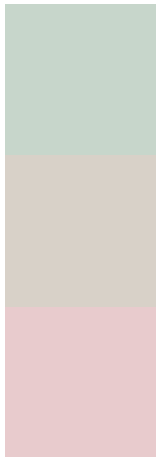
This preview shows how white text looks on a background with the XYZ color 58.3792, 64.5470,

65.8818.

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

58.3792, 64.5470, 65.8818

Protanopia

61.5447, 64.3700, 63.8245

Deuteranopia

65.6541, 64.2755, 66.7037



Tritanopia

61.5403, 64.3357, 81.8476

Trichromacy



Original Color

58.3792, 64.5470, 65.8818

Protanomaly

60.4152, 64.5072, 64.5253

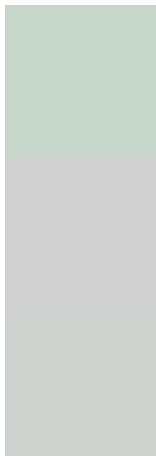
Deuteranomaly

62.7271, 64.2009, 66.2127

Tritanomaly

60.3063, 64.2070, 75.5444

Monochromacy



Original Color

58.3792, 64.5470, 65.8818

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.3640, 63.5286, 67.5259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3792, 64.5470, 65.8818 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(199, 214, 203) looks like.

```
.text, #text, p{  
    color:rgb(199, 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(199, 214, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 214, 203) }
```

Border

The CSS property to change the border of an element to XYZ 58.3792, 64.5470, 65.8818 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(199, 214, 203) }
```


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

```
.border{ border-color:rgb(199, 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(199, 214, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 214, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 214, 203);  
box-shadow:4px 4px 4px 4px rgb(199, 214,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3792, 64.5470, 65.8818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 214, 203) }
```

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

```
.background{ background-color: rgb(199,  
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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