

Converting Colors

XYZ(58.7267, 64.3083, 61.1767)

Have a look what the booklet for
XYZ(58.7267, 64.3083, 61.1767)
contains.

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Color

**XYZ(58.8214, 64.5078,
60.9808)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD5C3
RGB	205, 213, 195
RGB Percent	80%, 84%, 76%
CMY	0.1961, 0.1647, 0.2353
CMYK	0.04, 0.00, 0.08, 0.16
HSL	87°, 18%, 80%
HSV	87°, 8%, 84%
XYZ	58.8214, 64.5078, 60.9808
YIQ	208.5560, 1.0100, -7.2940

Conversions

Conversions Part 2

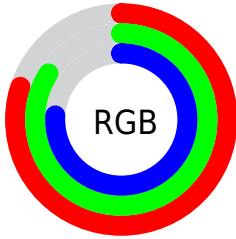
Format	Color
RYB	195, 213, 203
Decimal	13489603
CIELab	84.23, -5.93, 7.95
CIELCh	84, 9.921, 126.724
Yxy	64.5078, 0.3191, 0.3500
Android (android.graphics.Color)	4291679683 (0xFFCDD5C3)
YUV	208.5560, -6.6831, -3.1186
Hunter-Lab	80.3167, -9.8267, 11.2056

Details

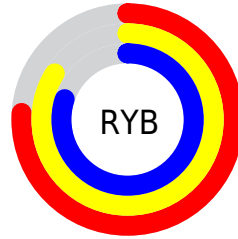
The XYZ color **58.8214, 64.5078, 60.9808** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.1566, 56.5326, 70.9064**, and the grayscale version is **60.3584, 63.5017, 69.1533**.

A 20% lighter version of the original color is **94.5707, 99.8083, 106.3760**, and **29.7971, 32.9561, 29.9900** is the 20% darker color. If you saturate the color by 10%, you get **54.0495, 62.3084, 49.0698**, and if you desaturate by 10%, it is **64.0986, 66.9317, 74.7115**.

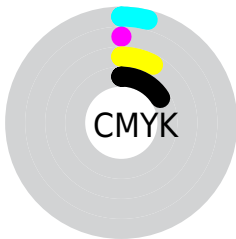
Distribution



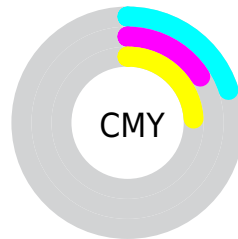
- Red (80%)
- Green (84%)
- Blue (76%)



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



- Cyan (4%)
- Magenta (0%)
- Yellow (8%)
- Black (16%)



- Cyan (20%)
- Magenta (16%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8214, 64.5078, 60.9808 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 58.8214, 64.5078, 60.9808 by changing the saturation by 10% instead.

■ 58.8214, 64.5078,
60.9808

■ 58.8214, 64.5078,
60.9808

410.1444,
441.0211, 446.1082

■ 42.7152, 47.0621,
43.7792

102.2342,
111.3419, 107.8084

■ 29.8553, 33.0847,
30.1611

130.2714,
141.4991, 138.2715

■ 19.8763, 22.1914,
19.7078

163.0164,
176.6623, 173.9922

■ 12.4129, 13.9976,
12.0008

200.8344,
217.2158, 215.3890

■ 7.0997, 8.1190,
6.6217

244.0909,
263.5440, 262.8804

■ 3.5714, 4.1712,
3.1518

293.1511,

■ 1.4627, 1.7698,

316.0314, 316.8851

1.1727

348.3805,
375.0623, 377.8215

■ 0.3002, 0.4682,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.8214, 64.5078,
60.9808

■ 58.8214, 64.5078,
60.9808

■ 54.0495, 62.3084,
49.0698

■ 64.0986, 66.9317,
74.7115

■ 49.7604, 60.3180,
38.8980

■ 69.8920, 69.5787,
90.3295

■ 45.9375, 58.5317,
30.3849

■ 75.5842, 72.2040,
104.5608

■ 42.5610, 56.9412,
23.4422

■ 78.7666, 73.8446,
104.7097

■ 39.6097, 55.5377,
17.9735

■ 82.1177, 75.5722,
104.8666

■ 37.0601, 54.3115,
13.8714

■ 83.0856, 76.0711,
104.9119

■ 34.8859, 53.2517,
11.0142

■ 33.0566, 52.3456,
9.2585

■ 31.5276, 51.5750,
8.3880

Harmonies

Analogous

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



60.8195, 64.5078, 58.8956



58.8214, 64.5078, 60.9808



57.5137, 64.5078, 65.5651

Triad

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



58.8214, 64.5078, 60.9808



59.6586, 64.5078, 81.9474



65.6042, 64.5078, 68.8311

Complementary

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



58.8214, 64.5078, 60.9808



56.1566, 56.5326, 70.9064

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.



65.2755, 64.5078, 75.1279



58.8214, 64.5078, 60.9808



61.8086, 64.5078, 82.9505

Square

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



58.8214, 64.5078, 60.9808



57.9889, 64.5078, 77.7231



63.8734, 64.5078, 80.3877



64.7612, 64.5078, 63.2497

Rectangle

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



58.8214, 64.5078, 60.9808



57.1914, 64.5078, 69.5489



63.8734, 64.5078, 80.3877



65.6274, 64.5078, 70.9317

Sweetspot

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



58.8232, 64.5106, 60.9822



92.6023, 98.8777, 102.4838



58.6021, 60.7061, 60.2595



19.6833, 21.1008, 21.5780



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.



58.8232, 64.5106, 60.9822



87.1642, 96.3780, 88.5041



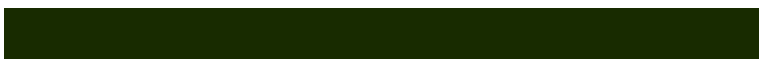
56.4636, 63.2942, 60.8718



12.9154, 14.2326, 13.2272



19.2427, 31.4963, 5.0652



1.2552, 1.9484, 0.3099

Inverse Universe

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



56.1566, 56.5326, 70.9064



82.4279, 82.2078, 106.1310



58.6215, 57.8034, 71.0217



12.2615, 12.2762, 15.6608



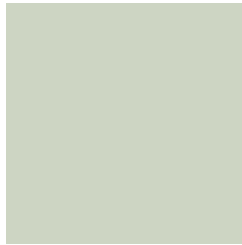
10.3136, 4.4693, 38.7722



0.7164, 0.3182, 2.3430

Previews

White Background



This preview shows how the XYZ color 58.8214, 64.5078, 60.9808 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 58.8214, 64.5078, 60.9808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

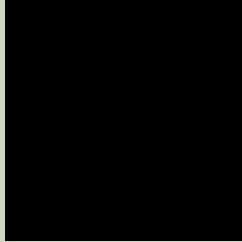
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

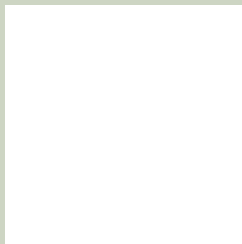
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.8214, 64.5078, 60.9808

Background



This preview shows how black text looks on a background with the XYZ color 58.8214, 64.5078, 60.9808.



This preview shows how white text looks on a background with the XYZ color 58.8214, 64.5078,

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

58.8214, 64.5078, 60.9808

Protanopia

61.3395, 64.3566, 59.6412

Deuteranopia

65.6949, 64.4053, 61.7923



Tritanopia

62.9694, 64.7388, 80.4112

Trichromacy



Original Color

58.8214, 64.5078, 60.9808

Protanomaly

60.2248, 64.1344, 60.2439

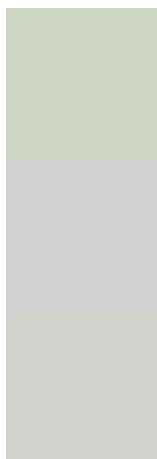
Deuteranomaly

63.0171, 64.4585, 61.3449

Tritanomaly

61.1966, 64.3581, 72.8153

Monochromacy



Original Color

58.8214, 64.5078, 60.9808

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

59.9581, 63.8627, 66.2933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8214, 64.5078, 60.9808 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(205, 213, 195) looks like.

```
.text, #text, p{  
    color:rgb(205, 213, 195)  
}
```

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(205, 213, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 213, 195) }
```

Border

The CSS property to change the border of an element to XYZ 58.8214, 64.5078, 60.9808 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(205, 213, 195) }
```


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

```
.border{ border-color:rgb(205, 213, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 213, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 213, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 213, 195);  
box-shadow:4px 4px 4px 4px rgb(205, 213,  
195) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8214, 64.5078, 60.9808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 213, 195) }
```

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

```
.background{ background-color: rgb(205,  
213, 195) }
```

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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