

# Converting Colors

XYZ(57.4909, 58.0457, 64.0510)

Have a look what the booklet for  
XYZ(57.4909, 58.0457, 64.0510)  
contains.

<b>XYZ(57.4909, 58.0457, 64.0510)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**XYZ(57.4909, 58.0457,  
64.0510)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D3C5CA
RGB	211, 197, 202
RGB Percent	83%, 77%, 79%
CMY	0.1725, 0.2274, 0.2078
CMYK	0.00, 0.07, 0.04, 0.17
HSL	339°, 14%, 80%
HSV	339°, 7%, 83%
XYZ	57.4909, 58.0457, 64.0510
YIQ	201.7560, 6.7390, 4.5230

# Conversions

## Conversions Part 2

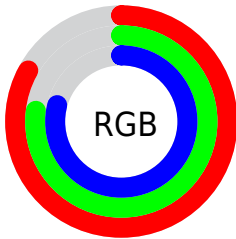
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	211, 197, 202
Decimal	13878730
CIE Lab	80.76, 5.77, -0.74
CIE LCh	81, 5.815, 352.650
Yxy	58.0457, 0.3201, 0.3232
Android (android.graphics.Color)	4292068810 (0xFFD3C5CA)
YUV	201.7560, 0.1203, 8.1070
Hunter-Lab	76.1877, 1.3667, 3.4863

# Details

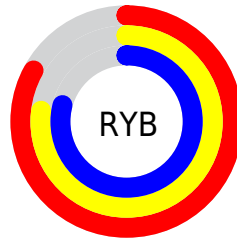
The XYZ color **57.4909, 58.0457, 64.0510** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4630, 62.9166, 67.5111**, and the grayscale version is **55.9847, 58.9003, 64.1424**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **28.8781, 28.8510, 32.0637** is the 20% darker color. If you saturate the color by 10%, you get **51.4949, 48.5121, 54.4721**, and if you desaturate by 10%, it is **64.3020, 68.9821, 74.5999**.

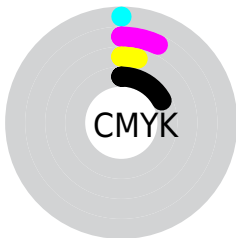
# Distribution



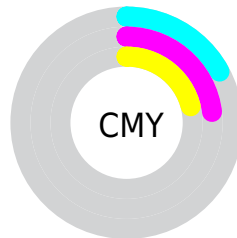
- Red (83%)
- Green (77%)
- Blue (79%)



- Red (83%)
- Yellow (77%)
- Blue (79%)



- Cyan (0%)
- Magenta (7%)
- Yellow (4%)
- Black (17%)



- Cyan (17%)
- Magenta (23%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4909, 58.0457, 64.0510 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 57.4909, 58.0457, 64.0510 by changing the saturation by 10% instead.



■ 57.4909, 58.0457,  
64.0510

■ 57.4909, 58.0457,  
64.0510

405.2707,  
417.3562, 457.5863

■ 41.6412, 41.8454,  
46.2455

100.3084,  
101.9894, 112.2846

■ 29.0103, 28.9802,  
32.0896

128.0068,  
130.5016, 143.5497

■ 19.2329, 19.0659,  
21.1645

160.3855,  
163.8865, 180.1385

■ 11.9437, 11.7179,  
13.0519

197.8099,  
202.5286, 222.4696

■ 6.7773, 6.5519,  
7.3332

240.6452,  
246.8122, 270.9613

■ 3.3683, 3.1835,  
3.5897

289.2569,

■ 1.3514, 1.2283,

297.1217, 326.0323

1.4031

344.0103,  
353.8416, 388.1011

■ 0.2212, 0.0846,  
0.1441

■ 0.0000, 0.0000,  
0.0000

■ 57.4909, 58.0457,  
64.0510

■ 57.4909, 58.0457,  
64.0510

■ 51.4949, 48.5121,  
54.4721

■ 64.3020, 68.9821,  
74.5999

■ 46.2779, 40.3167,  
45.8312

■ 71.9529, 81.3672,  
86.1422

■ 41.8080, 33.4015,  
38.0998

■ 78.7574, 91.8223,  
98.1330

■ 38.0494, 27.7009,  
31.2466

■ 80.6743, 92.5890,  
108.2272

■ 34.9631, 23.1436,  
25.2381

■ 32.5062, 19.6507,  
20.0388

■ 30.6306, 17.1333,  
15.6100

■ 29.2806, 15.4878,  
11.9091

■ 28.3854, 14.5808,  
8.8867

# Harmonies

## Analogous

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



57.0253, 58.0457, 67.2963



57.4909, 58.0457, 64.0510



57.3276, 58.0457, 60.6910

# Triad

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



57.4909, 58.0457, 64.0510



54.2869, 58.0457, 57.2975



53.7827, 58.0457, 68.6019

# Complementary

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



57.4909, 58.0457, 64.0510



57.4630, 62.9166, 67.5111

# 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.



53.0686, 58.0457, 65.7811



57.4909, 58.0457, 64.0510



53.3567, 58.0457, 59.2771

# Square

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



57.4909, 58.0457, 64.0510



55.4664, 58.0457, 56.8720



52.9138, 58.0457, 62.3603



54.8761, 58.0457, 69.9849



# Rectangle

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



57.4909, 58.0457, 64.0510



56.8852, 58.0457, 58.8296



52.9138, 58.0457, 62.3603



53.4910, 58.0457, 67.7856

# Sweetspot

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



57.4925, 58.0482, 64.0523



92.9210, 96.5797, 105.6078



57.1427, 57.7412, 69.7622



19.9112, 20.7078, 22.6390



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.



57.4925, 58.0482, 64.0523



86.8433, 86.8516, 96.0987



57.3367, 58.6681, 61.1285



11.9806, 11.8770, 13.1736



17.0301, 8.6849, 5.0648



0.9896, 0.5006, 0.4803



# Inverse Universe

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



57.4925, 58.0482, 64.0523



86.8433, 86.8516, 96.0987



57.6189, 62.2414, 70.6057



11.9806, 11.8770, 13.1736



17.0301, 8.6849, 5.0648

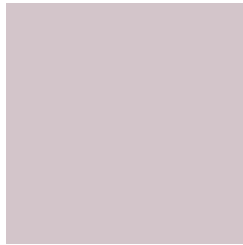


0.9896, 0.5006, 0.4803



# Previews

## White Background



This preview shows how the XYZ color 57.4909, 58.0457, 64.0510 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

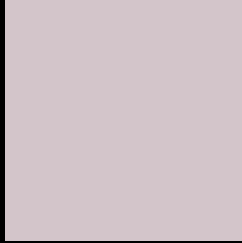
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 57.4909, 58.0457, 64.0510 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

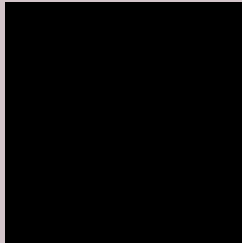
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**XYZ 57.4909, 58.0457, 64.0510**

## **Background**



This preview shows how black text looks on a background with the XYZ color 57.4909, 58.0457, 64.0510.



This preview shows how white text looks on a background with the XYZ color 57.4909, 58.0457,



# 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

57.4909, 58.0457, 64.0510

### Protanopia

55.8315, 57.8552, 64.7244

### Deuteranopia

59.2847, 57.9554, 64.5618



## Tritanopia

58.6492, 58.1801, 69.7667

# Trichromacy



## Original Color

57.4909, 58.0457, 64.0510

## Protanomaly

56.4272, 57.8218, 64.6866

## Deuteranomaly

58.6135, 57.9409, 64.5944

## Tritanomaly

58.2765, 58.0310, 67.8041

# Monochromacy



## Original Color

57.4909, 58.0457, 64.0510

## Achromatopsia

56.1383, 59.0619, 64.3184

## Achromatomaly

56.4918, 58.5520, 64.2013

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 57.4909, 58.0457, 64.0510 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(211, 197, 202) looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 202)  
}
```

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(211, 197, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 202) }
```

## Border

The CSS property to change the border of an element to XYZ 57.4909, 58.0457, 64.0510 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(211, 197, 202) }
```



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

```
.border{ border-color:rgb(211, 197, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 202);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
202) }
```

# Background

The CSS property to change the background color of an element to XYZ 57.4909, 58.0457, 64.0510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 202) }
```

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

```
.background{ background-color: rgb(211,  
197, 202) }
```

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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