

Converting Colors

XYZ(57.7283, 59.1757, 64.8794)

Have a look what the booklet for
XYZ(57.7283, 59.1757, 64.8794)
contains.

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Color

**XYZ(57.7283, 59.1757,
64.8794)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C8CB
RGB	209, 200, 203
RGB Percent	82%, 78%, 80%
CMY	0.1804, 0.2157, 0.2039
CMYK	0.00, 0.04, 0.03, 0.18
HSL	340°, 9%, 80%
HSV	340°, 4%, 82%
XYZ	57.7283, 59.1757, 64.8794
YIQ	203.0330, 4.4010, 2.8410

Conversions

Conversions Part 2

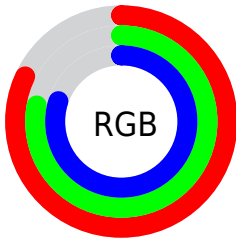
Format	Color
R _Y B	209, 200, 203
Decimal	13748427
CIE Lab	81.39, 3.66, -0.39
CIE LCh	81, 3.679, 353.954
Yxy	59.1757, 0.3176, 0.3255
Android (android.graphics.Color)	4291938507 (0xFFD1C8CB)
YUV	203.0330, -0.0163, 5.2331
Hunter-Lab	76.9257, -0.6662, 3.8427

Details

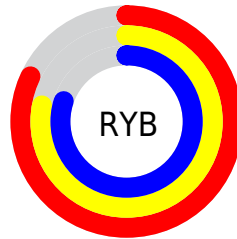
The XYZ color **57.7283, 59.1757, 64.8794** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7627, 62.3381, 67.3837**, and the grayscale version is **56.7851, 59.7423, 65.0594**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2213, 29.6963, 32.6256** is the 20% darker color. If you saturate the color by 10%, you get **51.6281, 49.5146, 55.0159**, and if you desaturate by 10%, it is **64.6429, 70.2250, 75.7527**.

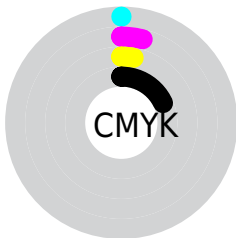
Distribution



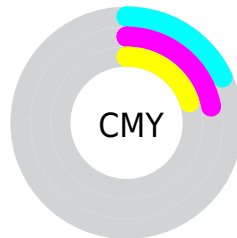
- Red (82%)
- Green (78%)
- Blue (80%)



- Red (82%)
- Yellow (78%)
- Blue (80%)



- Cyan (0%)
- Magenta (4%)
- Yellow (3%)
- Black (18%)



- Cyan (18%)
- Magenta (22%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7283, 59.1757, 64.8794 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 57.7283, 59.1757, 64.8794 by changing the saturation by 10% instead.

■ 57.7283, 59.1757,
64.8794

■ 57.7283, 59.1757,
64.8794

406.1430,
421.5527, 460.6528

■ 41.8327, 42.7546,
46.9126

100.6523,
103.6330, 113.4881

■ 29.1608, 29.6926,
32.6127

128.4115,
132.4379, 144.9670

■ 19.3474, 19.6054,
21.5612

160.8558,
166.1396, 181.7870

■ 12.0271, 12.1085,
13.3396

198.3507,
205.1224, 224.3667

■ 6.8344, 6.8176,
7.5294

241.2615,
249.7707, 273.1246

■ 3.4042, 3.3483,
3.7119

289.9536,

■ 1.3709, 1.3162,

300.4689, 328.4792

1.4687

344.7923,
357.6015, 390.8491

■ 0.2354, 0.1537,
0.1944

■ 0.0000, 0.0000,
0.0000

■ 57.7283, 59.1757,
64.8794

■ 57.7283, 59.1757,
64.8794

■ 51.6281, 49.5146,
55.0159

■ 64.6429, 70.2250,
75.7527

■ 46.3067, 41.1792,
46.1289

■ 72.3958, 82.7066,
87.6602

■ 41.7332, 34.1133,
38.1887

■ 78.5085, 91.6570,
99.7943

■ 37.8728, 28.2541,
31.1626

■ 80.1049, 92.2955,
108.2006

■ 34.6876, 23.5330,
25.0158

■ 32.1361, 19.8749,
19.7115

■ 30.1722, 17.1952,
15.2094

■ 28.7429, 15.3962,
11.4657

■ 27.7843, 14.3598,
8.4311

Harmonies

Analogous

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



57.4490, 59.1757, 66.9569



57.7283, 59.1757, 64.8794



57.6071, 59.1757, 62.7278

Triad

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



57.7283, 59.1757, 64.8794



55.6464, 59.1757, 60.6385



55.3790, 59.1757, 67.9180

Complementary

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



57.7283, 59.1757, 64.8794



57.7627, 62.3381, 67.3837

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.



54.9040, 59.1757, 66.1673



57.7283, 59.1757, 64.8794



55.0574, 59.1757, 61.9719

Square

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



57.7283, 59.1757, 64.8794



56.4006, 59.1757, 60.3114



54.7868, 59.1757, 63.9872



56.0891, 59.1757, 68.7367

Rectangle

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



57.7283, 59.1757, 64.8794



57.3161, 59.1757, 61.5369



54.7868, 59.1757, 63.9872



55.1868, 59.1757, 67.4171

Sweetspot

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



57.7300, 59.1783, 64.8807



93.9693, 98.2747, 107.1949



57.6185, 59.0366, 68.6808



20.1247, 21.0530, 22.9621



0.0000, 0.0000, 0.0000



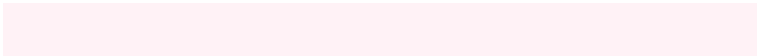
20.3446, 21.4041, 23.3091

Same Dimension

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



57.7300, 59.1783, 64.8807



89.7775, 91.5976, 100.5373



57.7252, 59.7347, 63.1342



12.4847, 12.6906, 13.9413



16.9276, 8.6439, 4.5249



0.9830, 0.4979, 0.4453

Inverse Universe

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



57.7300, 59.1783, 64.8807



89.7775, 91.5976, 100.5373



57.7642, 61.7528, 69.1974



12.4847, 12.6906, 13.9413



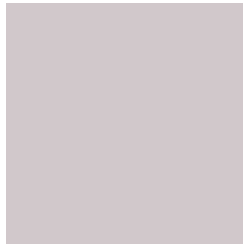
16.9276, 8.6439, 4.5249



0.9830, 0.4979, 0.4453

Previews

White Background



This preview shows how the XYZ color 57.7283, 59.1757, 64.8794 looks on a white background.

Color Contrast Check

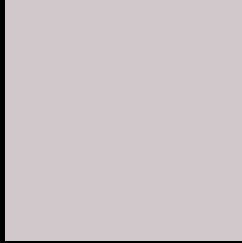
Large Text (above 18pt) WCAG AA × Fail

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 57.7283, 59.1757, 64.8794 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

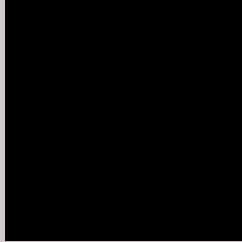
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

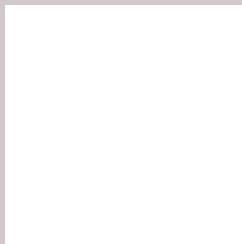
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7283, 59.1757, 64.8794

Background



This preview shows how black text looks on a background with the XYZ color 57.7283, 59.1757, 64.8794.



This preview shows how white text looks on a background with the XYZ color 57.7283, 59.1757,

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

57.7283, 59.1757, 64.8794

Protanopia

56.9626, 59.1121, 65.5343

Deuteranopia

60.4578, 59.2116, 65.3693



Tritanopia

59.1957, 59.0921, 71.9043

Trichromacy



Original Color

57.7283, 59.1757, 64.8794

Protanomaly

57.2393, 59.2547, 65.5472

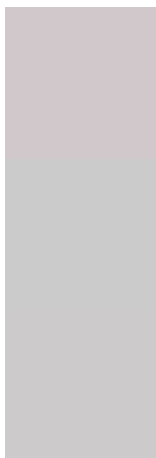
Deuteranomaly

59.4806, 59.0439, 65.3884

Tritanomaly

58.6346, 59.2016, 69.3094

Monochromacy



Original Color

57.7283, 59.1757, 64.8794

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0769, 59.5320, 64.9825

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7283, 59.1757, 64.8794 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(209, 200, 203) looks like.

```
.text, #text, p{  
    color:rgb(209, 200, 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(209, 200, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 200, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.7283, 59.1757, 64.8794 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(209, 200, 203) }
```


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

```
.border{ border-color:rgb(209, 200, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 200, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 200, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 200, 203);  
box-shadow:4px 4px 4px 4px rgb(209, 200,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7283, 59.1757, 64.8794 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 200, 203) }
```

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

```
.background{ background-color: rgb(209,  
200, 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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