

Converting Colors

XYZ(57.3378, 59.1734, 66.6976)

Have a look what the booklet for
XYZ(57.3378, 59.1734, 66.6976)
contains.

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Color

**XYZ(57.4808, 59.3513,
66.8189)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC9CE
RGB	206, 201, 206
RGB Percent	81%, 79%, 81%
CMY	0.1922, 0.2117, 0.1922
CMYK	0.00, 0.02, 0.00, 0.19
HSL	300°, 5%, 80%
HSV	300°, 2%, 81%
XYZ	57.4808, 59.3513, 66.8189
YIQ	203.0650, 1.3750, 2.6150

Conversions

Conversions Part 2

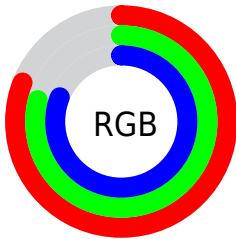
Format	Color
R _Y B	206, 201, 206
Decimal	13552078
CIE Lab	81.48, 2.64, -1.88
CIE LCh	81, 3.241, 324.493
Yxy	59.3513, 0.3130, 0.3232
Android (android.graphics.Color)	4291742158 (0xFFCEC9CE)
YUV	203.0650, 1.4470, 2.5740
Hunter-Lab	77.0398, -1.6375, 2.5039

Details

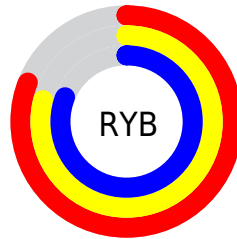
The XYZ color **57.4808, 59.3513, 66.8189** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7035, 60.7787, 64.0042**, and the grayscale version is **56.7976, 59.7555, 65.0737**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.0501, 29.8098, 33.9285** is the 20% darker color. If you saturate the color by 10%, you get **52.9977, 50.3844, 65.3253**, and if you desaturate by 10%, it is **62.6113, 69.6113, 68.5298**.

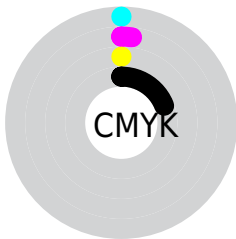
Distribution



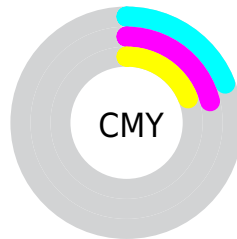
- Red (81%)
- Green (79%)
- Blue (81%)



- Red (81%)
- Yellow (79%)
- Blue (81%)



- Cyan (0%)
- Magenta (2%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4808, 59.3513, 66.8189 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 57.4808, 59.3513, 66.8189 by changing the saturation by 10% instead.

■ 57.4808, 59.3513,
66.8189

■ 57.4808, 59.3513,
66.8189

405.2336,
422.2025, 467.7838

■ 41.6330, 42.8960,
48.4768

100.2937,
103.8881, 116.2991

■ 29.0039, 29.8035,
33.8420

127.9896,
132.7383, 148.2742

■ 19.2281, 19.6895,
22.4958

160.3655,
166.4890, 185.6307

■ 11.9402, 12.1695,
14.0199

197.7868,
205.5245, 228.7873

■ 6.7749, 6.8592,
7.9956

240.6190,
250.2292, 278.1623

■ 3.3668, 3.3742,
4.0044

289.2272,

■ 1.3506, 1.3301,

300.9875, 334.1744

1.6278

343.9770,
358.1838, 397.2420

■ 0.2206, 0.1643,
0.3105

■ 0.0000, 0.0000,
0.0000

■ 57.4808, 59.3513,
66.8189

■ 57.4808, 59.3513,
66.8189

■ 52.9977, 50.3844,
65.3253

■ 62.6113, 69.6113,
68.5298

■ 49.1316, 42.6521,
64.0366

■ 68.4081, 81.2048,
70.4620

■ 45.8568, 36.1027,
62.9450

■ 72.3549, 89.0984,
71.7776

■ 43.1443, 30.6778,
62.0409

■ 72.3550, 89.0984,
71.7776

40.9625, 26.3143,
61.3136

72.3550, 89.0985,
71.7776

39.2766, 22.9426,
60.7517

72.3551, 89.0985,
71.7776

38.0478, 20.4850,
60.3421

72.3551, 89.0985,
71.7776

37.2313, 18.8522,
60.0699

72.3552, 89.0985,
71.7776

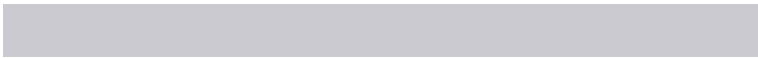
36.7737, 17.9370,
59.9174

72.3552, 89.0986,
71.7776

Harmonies

Analogous

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



56.9545, 59.3513, 68.0851



57.4808, 59.3513, 66.8189



57.7208, 59.3513, 64.9829

Triad

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



57.4808, 59.3513, 66.8189



56.5370, 59.3513, 60.9737



55.2322, 59.3513, 66.1856

Complementary

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



57.4808, 59.3513, 66.8189



56.7035, 60.7787, 64.0042

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.



55.1224, 59.3513, 64.2654



57.4808, 59.3513, 66.8189



55.8722, 59.3513, 61.2812

Square

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



57.4808, 59.3513, 66.8189



57.1731, 59.3513, 61.6281



55.3558, 59.3513, 62.4767



55.6570, 59.3513, 67.7144

Rectangle

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



57.4808, 59.3513, 66.8189



57.6847, 59.3513, 63.6925



55.3558, 59.3513, 62.4767



55.1574, 59.3513, 65.5635

Sweetspot

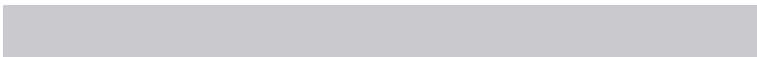
The Sweet Spot groups the original color and five complimentary colors.



57.4825, 59.3539, 66.8202



94.2419, 98.3838, 108.6306



56.1366, 58.6889, 66.7628



20.1802, 21.0752, 23.2543



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.



57.4825, 59.3539, 66.8202



92.6579, 95.2158, 108.1026



57.1913, 59.2374, 65.2866



12.2380, 12.5045, 14.3390



22.5332, 10.8238, 36.8578



1.1625, 0.5584, 1.9015

Inverse Universe

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



56.8850, 59.1148, 63.6735



91.4505, 94.7328, 101.7445



56.9899, 60.8933, 65.5125



12.0405, 12.4255, 13.2992



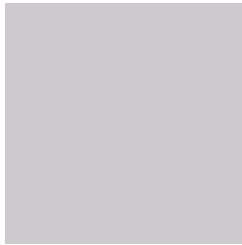
15.6735, 8.0800, 0.7336



0.8086, 0.4168, 0.0379

Previews

White Background



This preview shows how the XYZ color 57.4808, 59.3513, 66.8189 looks on a white background.

Color Contrast Check

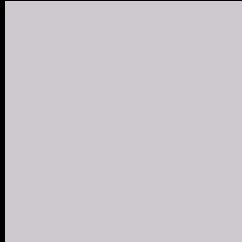
Large Text (above 18pt) WCAG AA × Fail

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 57.4808, 59.3513, 66.8189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

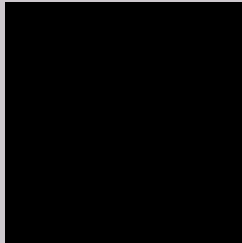
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

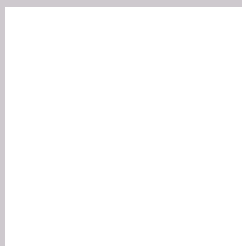
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.4808, 59.3513, 66.8189

Background



This preview shows how black text looks on a background with the XYZ color 57.4808, 59.3513, 66.8189.

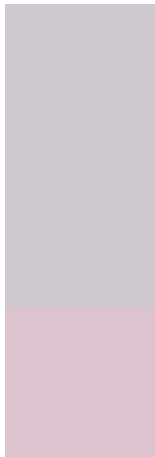


This preview shows how white text looks on a background with the XYZ color 57.4808, 59.3513,

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

57.4808, 59.3513, 66.8189

Protanopia

57.2041, 59.2087, 66.8060

Deuteranopia

60.5176, 59.2005, 67.2687



Tritanopia

58.6521, 59.4802, 72.6795

Trichromacy



Original Color

57.4808, 59.3513, 66.8189

Protanomaly

57.2041, 59.2087, 66.8060

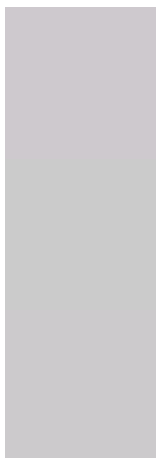
Deuteranomaly

59.4809, 59.3402, 67.3503

Tritanomaly

58.2701, 59.3274, 70.6675

Monochromacy



Original Color

57.4808, 59.3513, 66.8189

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.9215, 59.4381, 65.5994

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4808, 59.3513, 66.8189 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(206, 201, 206) looks like.

```
.text, #text, p{  
    color:rgb(206, 201, 206)  
}
```

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(206, 201, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 201, 206) }
```

Border

The CSS property to change the border of an element to XYZ 57.4808, 59.3513, 66.8189 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(206, 201, 206) }
```


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

```
.border{ border-color:rgb(206, 201, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 201, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 201, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 201, 206);  
box-shadow:4px 4px 4px 4px rgb(206, 201,  
206) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4808, 59.3513, 66.8189 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 201, 206) }
```

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

```
.background{ background-color: rgb(206,  
201, 206) }
```

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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