

Converting Colors

XYZ(57.4688, 59.2426, 65.1771)

Have a look what the booklet for
XYZ(57.4688, 59.2426, 65.1771)
contains.

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Color

**XYZ(57.3983, 59.3505,
64.9305)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC9CB
RGB	207, 201, 203
RGB Percent	81%, 79%, 80%
CMY	0.1882, 0.2117, 0.2039
CMYK	0.00, 0.03, 0.02, 0.19
HSL	340°, 6%, 80%
HSV	340°, 3%, 81%
XYZ	57.3983, 59.3505, 64.9305
YIQ	203.0220, 2.9340, 1.8940

Conversions

Conversions Part 2

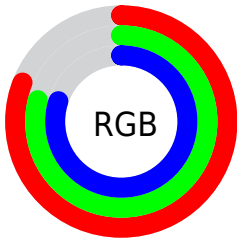
Format	Color
R _Y B	207, 201, 203
Decimal	13617611
CIE Lab	81.48, 2.44, -0.27
CIE LCh	81, 2.452, 353.760
Yxy	59.3505, 0.3159, 0.3267
Android (android.graphics.Color)	4291807691 (0xFFCFC9CB)
YUV	203.0220, -0.0108, 3.4887
Hunter-Lab	77.0393, -1.8269, 3.9565

Details

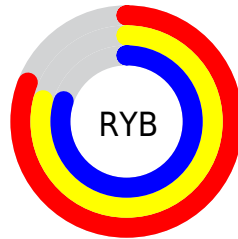
The XYZ color **57.3983, 59.3505, 64.9305** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4219, 61.4525, 66.5958**, and the grayscale version is **56.7788, 59.7357, 65.0522**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.9954, 29.8097, 32.6594** is the 20% darker color. If you saturate the color by 10%, you get **51.3217, 49.7138, 55.1450**, and if you desaturate by 10%, it is **64.2752, 70.3515, 75.7074**.

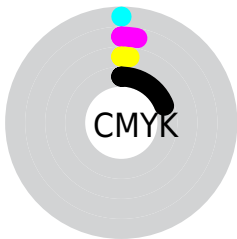
Distribution



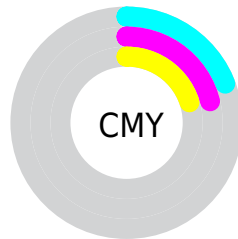
- Red (81%)
- Green (79%)
- Blue (80%)



- Red (81%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (19%)



- Cyan (19%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3983, 59.3505, 64.9305 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 57.3983, 59.3505, 64.9305 by changing the saturation by 10% instead.

■ 57.3983, 59.3505,
64.9305

■ 57.3983, 59.3505,
64.9305

404.9302,
422.1996, 460.8415

■ 41.5665, 42.8953,
46.9537

100.1741,
103.8869, 113.5623

■ 28.9516, 29.8030,
32.6450

127.8489,
132.7369, 145.0543

■ 19.1883, 19.6891,
21.5857

160.2020,
166.4874, 181.8886

■ 11.9112, 12.1693,
13.3574

197.5988,
205.5226, 224.4836

■ 6.7550, 6.8591,
7.5415

240.4046,
250.2271, 273.2578

■ 3.3543, 3.3741,
3.7195

288.9849,

■ 1.3438, 1.3300,

300.9851, 328.6299

1.4727

343.7050,
358.1812, 391.0183

■ 0.2156, 0.1643,
0.1975

■ 0.0000, 0.0000,
0.0000

■ 57.3983, 59.3505,
64.9305

■ 57.3983, 59.3505,
64.9305

■ 51.3217, 49.7138,
55.1450

■ 64.2752, 70.3515,
75.7074

■ 46.0106, 41.3807,
46.3182

■ 71.9753, 82.7593,
87.4992

■ 41.4353, 34.2968,
38.4216

■ 77.8864, 91.3432,
99.4534

■ 37.5620, 28.4015,
31.4234

■ 79.5425, 92.0056,
108.1743

■ 34.3543, 23.6286,
25.2899

■ 31.7721, 19.9057,
19.9854

■ 29.7712, 17.1518,
15.4712

■ 28.3008, 15.2737,
11.7050

■ 27.3006, 14.1595,
8.6394

Harmonies

Analogous

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



57.2112, 59.3505, 66.3091



57.3983, 59.3505, 64.9305



57.3196, 59.3505, 63.4897

Triad

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



57.3983, 59.3505, 64.9305



56.0139, 59.3505, 62.0684



55.8291, 59.3505, 66.9308

Complementary

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



57.3983, 59.3505, 64.9305



57.4219, 61.4525, 66.5958

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.



55.5118, 59.3505, 65.7689



57.3983, 59.3505, 64.9305



55.6181, 59.3505, 62.9650

Square

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



57.3983, 59.3505, 64.9305



56.5183, 59.3505, 61.8516



55.4348, 59.3505, 64.3157



56.3036, 59.3505, 67.4752

Rectangle

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



57.3983, 59.3505, 64.9305



57.1271, 59.3505, 62.6861



55.4348, 59.3505, 64.3157



55.7006, 59.3505, 66.5986

Sweetspot

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



57.4000, 59.3531, 64.9318



93.9692, 98.2747, 107.1946



57.3280, 59.2602, 67.4492



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.



57.4000, 59.3531, 64.9318



91.8471, 94.8915, 103.8329



57.3973, 59.7260, 63.7645



12.7519, 13.1157, 14.3676



16.9270, 8.6437, 4.5220



0.9830, 0.4979, 0.4451

Inverse Universe

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



57.4000, 59.3531, 64.9318



91.8471, 94.8915, 103.8329



57.4232, 61.0668, 67.7929



12.7519, 13.1157, 14.3676



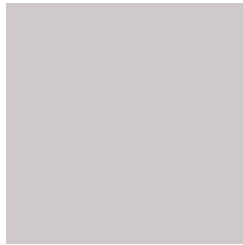
16.9270, 8.6437, 4.5220



0.9830, 0.4979, 0.4451

Previews

White Background



This preview shows how the XYZ color 57.3983, 59.3505, 64.9305 looks on a white background.

Color Contrast Check

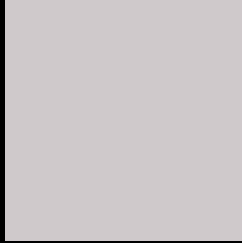
Large Text (above 18pt) WCAG AA × Fail

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 57.3983, 59.3505, 64.9305 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

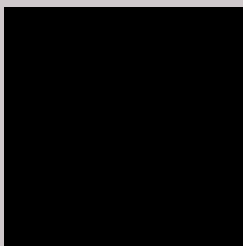
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

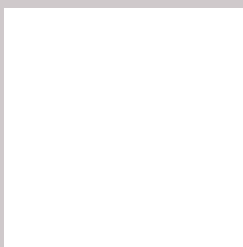
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3983, 59.3505, 64.9305

Background



This preview shows how black text looks on a background with the XYZ color 57.3983, 59.3505, 64.9305.

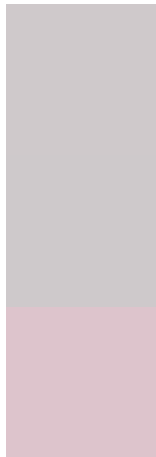


This preview shows how white text looks on a background with the XYZ color 57.3983, 59.3505,

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

57.3983, 59.3505, 64.9305

Protanopia

57.1197, 59.2069, 64.9175

Deuteranopia

60.4578, 59.2116, 65.3693



Tritanopia

58.9837, 59.3085, 72.6289

Trichromacy



Original Color

57.3983, 59.3505, 64.9305

Protanomaly

57.1197, 59.2069, 64.9175

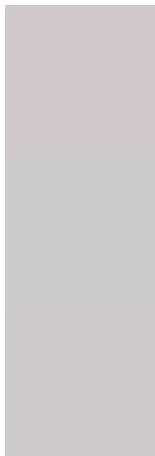
Deuteranomaly

59.4121, 59.3467, 65.4505

Tritanomaly

58.4246, 59.4216, 70.0182

Monochromacy



Original Color

57.3983, 59.3505, 64.9305

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

56.8019, 59.3902, 64.9696

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3983, 59.3505, 64.9305 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(207, 201, 203) looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 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(207, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 201, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.3983, 59.3505, 64.9305 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(207, 201, 203) }
```


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

```
.border{ border-color:rgb(207, 201, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 201, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(207, 201,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3983, 59.3505, 64.9305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 201, 203) }
```

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

```
.background{ background-color: rgb(207,  
201, 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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