

Converting Colors

XYZ(57.7768, 59.7053, 65.2148)

Have a look what the booklet for
XYZ(57.7768, 59.7053, 65.2148)
contains.

XYZ(57.6786, 59.4950, 64.9436)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.6786, 59.4950,
64.9436)**

Conversions

Conversions Part 1

Format	Color
Hex	D0C9CB
RGB	208, 201, 203
RGB Percent	82%, 79%, 80%
CMY	0.1843, 0.2117, 0.2039
CMYK	0.00, 0.03, 0.02, 0.18
HSL	343°, 7%, 80%
HSV	343°, 3%, 82%
XYZ	57.6786, 59.4950, 64.9436
YIQ	203.3210, 3.5300, 2.1060

Conversions

Conversions Part 2

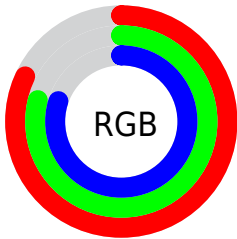
Format	Color
R _Y B	208, 201, 203
Decimal	13683147
CIE Lab	81.56, 2.78, -0.14
CIE LCh	82, 2.787, 357.089
Yxy	59.4950, 0.3167, 0.3267
Android (android.graphics.Color)	4291873227 (0xFFD0C9CB)
YUV	203.3210, -0.1583, 4.1035
Hunter-Lab	77.1330, -1.5038, 4.0728

Details

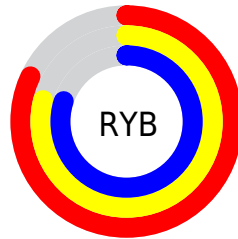
The XYZ color **57.6786, 59.4950, 64.9436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.7861, 61.9871, 67.3148**, and the grayscale version is **56.9673, 59.9341, 65.2682**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.1850, 29.9074, 32.6683** is the 20% darker color. If you saturate the color by 10%, you get **51.4673, 49.7721, 54.5485**, and if you desaturate by 10%, it is **64.7198, 70.6041, 76.4548**.

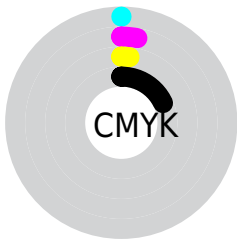
Distribution



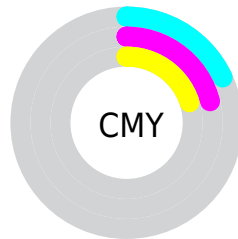
- Red (82%)
- Green (79%)
- Blue (80%)



- Red (82%)
- Yellow (79%)
- Blue (80%)



- Cyan (0%)
- Magenta (3%)
- Yellow (2%)
- Black (18%)



- Cyan (18%)
- Magenta (21%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.6786, 59.4950, 64.9436 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 57.6786, 59.4950, 64.9436 by changing the saturation by 10% instead.

■ 57.6786, 59.4950,
64.9436

■ 57.6786, 59.4950,
64.9436

405.9605,
422.7338, 460.8899

■ 41.7926, 43.0117,
46.9643

100.5803,
104.0968, 113.5813

■ 29.1293, 29.8943,
32.6533

128.3268,
132.9840, 145.0767

■ 19.3234, 19.7584,
21.5920

160.7574,
166.7747, 181.9146

■ 12.0096, 12.2195,
13.3620

198.2375,
205.8533, 224.5135

■ 6.8225, 6.8934,
7.5446

241.1325,
250.6041, 273.2920

■ 3.3967, 3.3955,
3.7214

289.8078,

■ 1.3668, 1.3415,

301.4115, 328.6685

1.4738

344.6286,
358.6600, 391.0616

■ 0.2324, 0.1730,
0.1983

■ 0.0000, 0.0000,
0.0000

■ 57.6786, 59.4950,
64.9436

■ 57.6786, 59.4950,
64.9436

■ 51.4673, 49.7721,
54.5485

■ 64.7198, 70.6041,
76.4548

■ 46.0498, 41.3735,
45.2319

■ 72.6150, 83.1431,
89.1105

■ 41.3949, 34.2437,
36.9596

■ 78.6535, 91.6824,
102.0296

■ 37.4673, 28.3206,
29.6941

■ 79.8228, 92.1501,
108.1874

■ 34.2289, 23.5367,
23.3955

■ 31.6379, 19.8178,
18.0213

■ 29.6479, 17.0809,
13.5255

■ 28.2057, 15.2304,
9.8576

■ 27.2482, 14.1513,
6.9611

Harmonies

Analogous

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



57.4974, 59.4950, 66.5454



57.6786, 59.4950, 64.9436



57.5552, 59.4950, 63.3246

Triad

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



57.6786, 59.4950, 64.9436



56.0377, 59.4950, 61.9551



55.9395, 59.4950, 67.5211

Complementary

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



57.6786, 59.4950, 64.9436



57.7861, 61.9871, 67.3148

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.



55.5531, 59.4950, 66.2574



57.6786, 59.4950, 64.9436



55.6095, 59.4950, 63.0460

Square

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



57.6786, 59.4950, 64.9436



56.6053, 59.4950, 61.6169



55.4327, 59.4950, 64.6166



56.4911, 59.4950, 68.0495

Rectangle

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



57.6786, 59.4950, 64.9436



57.3172, 59.4950, 62.4500



55.4327, 59.4950, 64.6166



55.7861, 59.4950, 67.1672

Sweetspot

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



57.6803, 59.4976, 64.9449



93.9498, 98.2670, 107.0927



57.6997, 59.4376, 68.1069



20.1207, 21.0514, 22.9413



0.0000, 0.0000, 0.0000



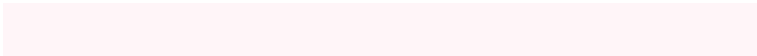
20.3446, 21.4041, 23.3091

Same Dimension

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



57.6803, 59.4976, 64.9449



90.7303, 93.2032, 101.7797



57.7715, 60.0584, 63.8090



12.6053, 12.8969, 14.0892



16.7464, 8.5714, 3.5707



0.9707, 0.4930, 0.3805

Inverse Universe

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



57.6803, 59.4976, 64.9449



90.7303, 93.2032, 101.7797



57.6906, 61.4054, 68.4872



12.6053, 12.8969, 14.0892



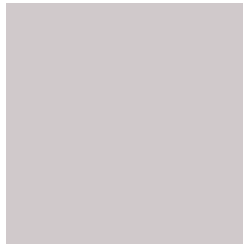
16.7464, 8.5714, 3.5707



0.9707, 0.4930, 0.3805

Previews

White Background



This preview shows how the XYZ color 57.6786, 59.4950, 64.9436 looks on a white background.

Color Contrast Check

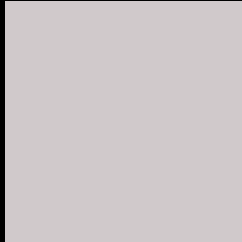
Large Text (above 18pt) WCAG AA × Fail

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 57.6786, 59.4950, 64.9436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

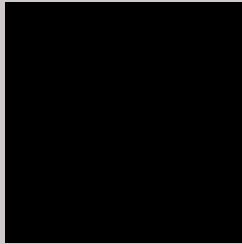
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

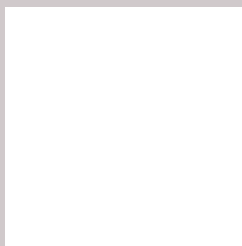
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.6786, 59.4950, 64.9436

Background



This preview shows how black text looks on a background with the XYZ color 57.6786, 59.4950, 64.9436.

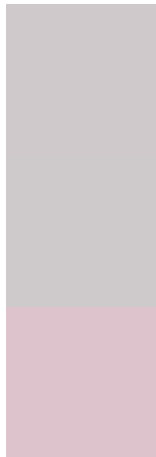


This preview shows how white text looks on a background with the XYZ color 57.6786, 59.4950,

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

57.6786, 59.4950, 64.9436

Protanopia

57.3536, 59.6747, 64.9954

Deuteranopia

60.4578, 59.2116, 65.3693



Tritanopia

59.2675, 59.4548, 72.6422

Trichromacy



Original Color

57.6786, 59.4950, 64.9436

Protanomaly

57.6321, 59.8183, 65.0085

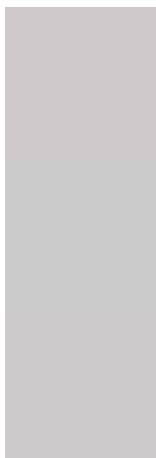
Deuteranomaly

59.4121, 59.3467, 65.4505

Tritanomaly

58.7066, 59.5670, 70.0314

Monochromacy



Original Color

57.6786, 59.4950, 64.9436

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 57.6786, 59.4950, 64.9436 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(208, 201, 203) looks like.

```
.text, #text, p{  
    color:rgb(208, 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(208, 201, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 201, 203) }
```

Border

The CSS property to change the border of an element to XYZ 57.6786, 59.4950, 64.9436 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(208, 201, 203) }
```


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

```
.border{ border-color:rgb(208, 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(208, 201, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 201, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 201, 203);  
box-shadow:4px 4px 4px 4px rgb(208, 201,  
203) }
```

Background

The CSS property to change the background color of an element to XYZ 57.6786, 59.4950, 64.9436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 201, 203) }
```

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

```
.background{ background-color: rgb(208,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor