

Converting Colors

XYZ(57.9019, 59.5102, 67.5449)

Have a look what the booklet for
XYZ(57.9019, 59.5102, 67.5449)
contains.

XYZ(57.8813, 59.5437, 67.4739)	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(57.8813, 59.5437,
67.4739)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC9CF
RGB	207, 201, 207
RGB Percent	81%, 79%, 81%
CMY	0.1882, 0.2117, 0.1882
CMYK	0.00, 0.03, 0.00, 0.19
HSL	300°, 6%, 80%
HSV	300°, 3%, 81%
XYZ	57.8813, 59.5437, 67.4739
YIQ	203.4780, 1.6500, 3.1380

Conversions

Conversions Part 2

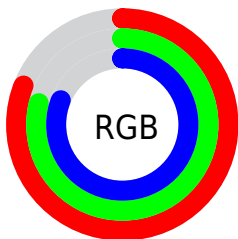
Format	Color
R_{YB}	207, 201, 207
Decimal	13617615
CIE Lab	81.59, 3.16, -2.25
CIE LCh	82, 3.885, 324.533
Yxy	59.5437, 0.3130, 0.3220
Android (android.graphics.Color)	4291807695 (0xFFCFC9CF)
YUV	203.4780, 1.7363, 3.0888
Hunter-Lab	77.1646, -1.1448, 2.1711

Details

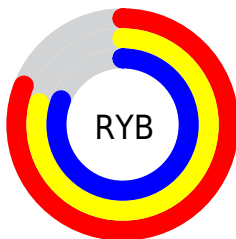
The XYZ color **57.8813, 59.5437, 67.4739** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9451, 61.2619, 64.0849**, and the grayscale version is **57.0554, 60.0268, 65.3691**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.3204, 29.9396, 34.3706** is the 20% darker color. If you saturate the color by 10%, you get **53.3780, 50.5364, 65.9732**, and if you desaturate by 10%, it is **63.0383, 69.8567, 69.1939**.

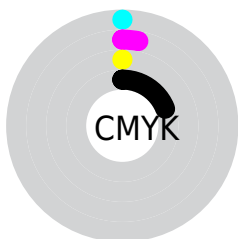
Distribution



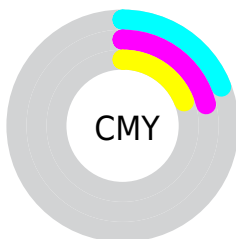
- Red (81%)
- Green (79%)
- Blue (81%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8813, 59.5437, 67.4739 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 57.8813, 59.5437, 67.4739 by changing the saturation by 10% instead.

■ 57.8813, 59.5437,
67.4739

■ 57.8813, 59.5437,
67.4739

406.7045,
422.9138, 470.1771

■ 41.9561, 43.0509,
49.0058

100.8739,
104.1675, 117.2463

■ 29.2579, 29.9251,
34.2585

128.6721,
133.0673, 149.3877

■ 19.4213, 19.7817,
22.8133

161.1587,
166.8715, 186.9240

■ 12.0809, 12.2365,
14.2517

198.6989,
205.9647, 230.2736

■ 6.8714, 6.9049,
8.1552

241.6583,
250.7311, 279.8552

■ 3.4274, 3.4027,
4.1052

290.4021,

■ 1.3836, 1.3454,

301.5551, 336.0873

1.6832

345.2957,
358.8213, 399.3884

■ 0.2445, 0.1760,
0.3492

■ 0.0000, 0.0000,
0.0000

■ 57.8813, 59.5437,
67.4739

■ 57.8813, 59.5437,
67.4739

■ 53.3780, 50.5364,
65.9732

■ 63.0383, 69.8567,
69.1939

■ 49.4975, 42.7754,
64.6794

■ 68.8682, 81.5165,
71.1375

■ 46.2138, 36.2082,
63.5846

■ 72.7554, 89.2908,
72.4335

■ 43.4975, 30.7756,
62.6789

■ 72.7554, 89.2908,
72.4338

41.3164, 26.4134,
61.9516

72.7555, 89.2908,
72.4341

39.6350, 23.0509,
61.3908

72.7556, 89.2908,
72.4344

38.4140, 20.6089,
60.9835

72.7556, 89.2908,
72.4347

37.6077, 18.9965,
60.7145

72.7557, 89.2909,
72.4350

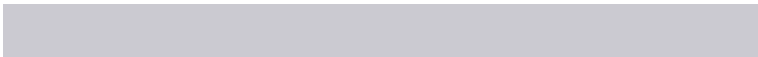
37.1614, 18.1038,
60.5654

72.7557, 89.2909,
72.4353

Harmonies

Analogous

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



57.2481, 59.5437, 69.0050



57.8813, 59.5437, 67.4739



58.1699, 59.5437, 65.2618

Triad

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



57.8813, 59.5437, 67.4739



56.7440, 59.5437, 60.4643



55.1799, 59.5437, 66.7156

Complementary

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



57.8813, 59.5437, 67.4739



56.9451, 61.2619, 64.0849

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.



55.0478, 59.5437, 64.4060



57.8813, 59.5437, 67.4739



55.9459, 59.5437, 60.8326

Square

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



57.8813, 59.5437, 67.4739



57.5093, 59.5437, 61.2436



55.3269, 59.5437, 62.2619



55.6895, 59.5437, 68.5599

Rectangle

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



57.8813, 59.5437, 67.4739



58.1261, 59.5437, 63.7125



55.3269, 59.5437, 62.2619



55.0901, 59.5437, 65.9665

Sweetspot

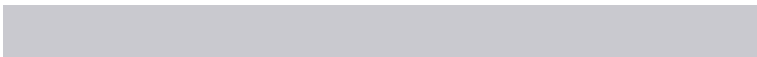
The Sweet Spot groups the original color and five complimentary colors.



57.8830, 59.5463, 67.4752



94.2419, 98.3838, 108.6306



56.2392, 58.6988, 67.3984



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.



57.8830, 59.5463, 67.4752



92.6579, 95.2158, 108.1025



57.5198, 59.4010, 65.5627



12.8922, 13.1719, 15.1066



23.3079, 11.1960, 38.1232



1.3032, 0.6260, 2.1316

Inverse Universe

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



57.8830, 59.5463, 67.4752



92.6579, 95.2158, 108.1025



57.3014, 61.4044, 65.9609



12.8922, 13.1719, 15.1066



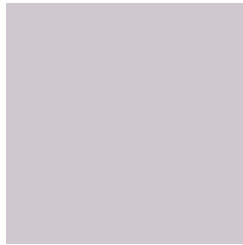
23.3079, 11.1960, 38.1232



1.3032, 0.6260, 2.1316

Previews

White Background



This preview shows how the XYZ color 57.8813, 59.5437, 67.4739 looks on a white background.

Color Contrast Check

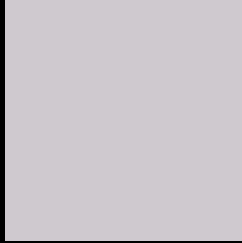
Large Text (above 18pt) WCAG AA × Fail

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 57.8813, 59.5437, 67.4739 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

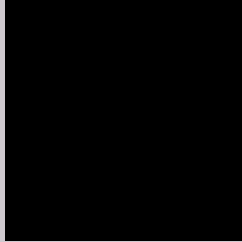
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

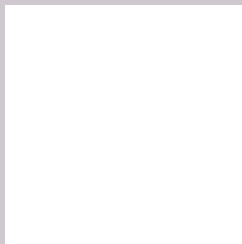
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.8813, 59.5437, 67.4739

Background



This preview shows how black text looks on a background with the XYZ color 57.8813, 59.5437, 67.4739.

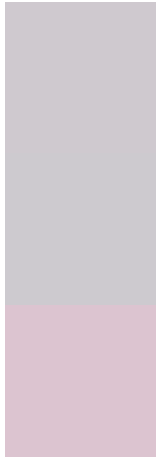


This preview shows how white text looks on a background with the XYZ color 57.8813, 59.5437,

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

57.8813, 59.5437, 67.4739

Protanopia

57.5599, 59.7252, 67.5259

Deuteranopia

60.6403, 59.2496, 67.9147



Tritanopia

58.9324, 59.6247, 72.6926

Trichromacy



Original Color

57.8813, 59.5437, 67.4739

Protanomaly

57.8366, 59.8679, 67.5388

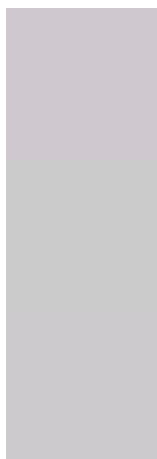
Deuteranomaly

59.6036, 59.3893, 67.9963

Tritanomaly

58.5504, 59.4719, 70.6806

Monochromacy



Original Color

57.8813, 59.5437, 67.4739

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 57.8813, 59.5437, 67.4739 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 201, 207)  
}
```

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, 207) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 57.8813, 59.5437, 67.4739 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, 207) }
```


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

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

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, 207)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 57.8813, 59.5437, 67.4739 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, 207) }
```

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

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

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