

Converting Colors

XYZ(57.6675, 59.1255, 67.9554)

Have a look what the booklet for
XYZ(57.6675, 59.1255, 67.9554)
contains.

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Color

**XYZ(57.7716, 59.1280,
68.0425)**

Conversions

Conversions Part 1

Format	Color
Hex	CFC8D0
RGB	207, 200, 208
RGB Percent	81%, 78%, 82%
CMY	0.1882, 0.2157, 0.1843
CMYK	0.00, 0.04, 0.00, 0.18
HSL	292°, 8%, 80%
HSV	292°, 4%, 82%
XYZ	57.7716, 59.1280, 68.0425
YIQ	203.0050, 1.6040, 3.9720

Conversions

Conversions Part 2

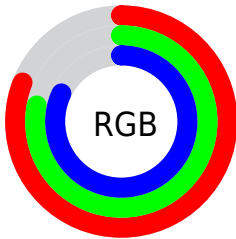
Format	Color
R _Y B	207, 200, 208
Decimal	13617360
CIE Lab	81.36, 3.88, -3.12
CIE LCh	81, 4.980, 321.139
Yxy	59.1280, 0.3124, 0.3197
Android (android.graphics.Color)	4291807440 (0xFFCFC8D0)
YUV	203.0050, 2.4625, 3.5036
Hunter-Lab	76.8947, -0.4574, 1.3619

Details

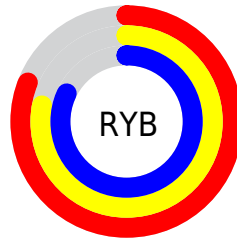
The XYZ color **57.7716, 59.1280, 68.0425** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.0708, 61.7010, 63.5481**, and the grayscale version is **56.7537, 59.7093, 65.0234**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2485, 29.6632, 34.7559** is the 20% darker color. If you saturate the color by 10%, you get **52.5583, 49.7705, 66.5120**, and if you desaturate by 10%, it is **63.6556, 69.8074, 69.7946**.

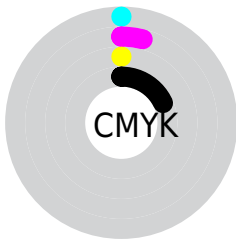
Distribution



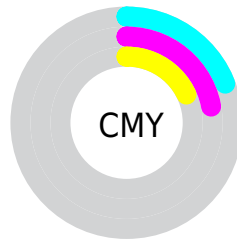
- Red (81%)
- Green (78%)
- Blue (82%)



- Red (81%)
- Yellow (78%)
- Blue (82%)



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



- Cyan (19%)
- Magenta (22%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.7716, 59.1280, 68.0425 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 57.7716, 59.1280, 68.0425 by changing the saturation by 10% instead.

■ 57.7716, 59.1280,
68.0425

■ 57.7716, 59.1280,
68.0425

406.3019,
421.3761, 472.2487

■ 41.8676, 42.7162,
49.4654

100.7151,
103.5637, 118.0677

■ 29.1883, 29.6625,
34.6206

128.4852,
132.3563, 150.3529

■ 19.3683, 19.5825,
23.0896

160.9415,
166.0447, 188.0446

■ 12.0423, 12.0920,
14.4537

198.4493,
205.0131, 231.5613

■ 6.8449, 6.8063,
8.2946

241.3738,
249.6461, 281.3215

■ 3.4107, 3.3413,
4.1935

290.0805,

■ 1.3745, 1.3124,

300.3280, 337.7438

1.7321

344.9348,
357.4432, 401.2467

■ 0.2380, 0.1508,
0.3826

■ 0.0000, 0.0000,
0.0000

■ 57.7716, 59.1280,
68.0425

■ 57.7716, 59.1280,
68.0425

■ 52.5583, 49.7705,
66.5120

■ 63.6556, 69.8074,
69.7946

■ 47.9844, 41.6748,
65.1904

■ 70.2300, 81.8508,
71.7727

■ 44.0232, 34.7872,
64.0697

■ 75.1121, 90.4915,
73.1832

■ 40.6448, 29.0473,
63.1399

■ 75.8811, 90.8879,
73.2192

37.8161, 24.3896,
62.3900

76.6622, 91.2906,
73.2558

35.5011, 20.7419,
61.8079

77.4556, 91.6996,
73.2929

33.6591, 18.0230,
61.3802

78.2613, 92.1150,
73.3306

32.2433, 16.1392,
61.0912

79.0793, 92.5367,
73.3689

31.1969, 14.9773,
60.9221

79.9098, 92.9648,
73.4077

Harmonies

Analogous

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



56.9239, 59.1280, 69.8735



57.7716, 59.1280, 68.0425



58.1993, 59.1280, 65.2669

Triad

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



57.7716, 59.1280, 68.0425



56.5081, 59.1280, 58.8836



54.3540, 59.1280, 66.4687

Complementary

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



57.7716, 59.1280, 68.0425



57.0708, 61.7010, 63.5481

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.



54.2458, 59.1280, 63.5018



57.7716, 59.1280, 68.0425



55.4810, 59.1280, 59.1829

Square

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



57.7716, 59.1280, 68.0425



57.4640, 59.1280, 60.0213



54.6560, 59.1280, 60.8520



54.9535, 59.1280, 68.9455

Rectangle

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



57.7716, 59.1280, 68.0425



58.1852, 59.1280, 63.2798



54.6560, 59.1280, 60.8520



54.2593, 59.1280, 65.4936

Sweetspot

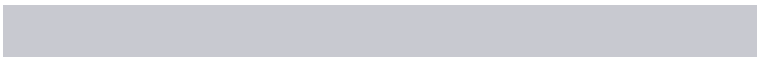
The Sweet Spot groups the original color and five complimentary colors.



57.7733, 59.1305, 68.0438



94.1247, 98.3234, 108.6251



56.1093, 58.6406, 68.0369



20.1563, 21.0629, 23.2531



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.



57.7733, 59.1305, 68.0438



90.5325, 91.8321, 107.5615



57.6960, 59.1320, 66.1742



12.6021, 12.7270, 15.0360



19.1745, 9.0651, 37.9316



1.1138, 0.5284, 2.1228

Inverse Universe

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



57.2114, 58.9382, 63.6221



89.3721, 91.4354, 98.4024



57.1489, 61.7013, 65.3580



12.4217, 12.6654, 13.6097



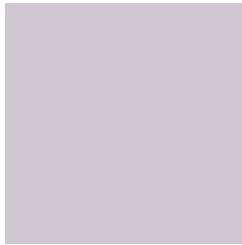
16.3482, 8.4121, 1.4736



0.9344, 0.4785, 0.1896

Previews

White Background



This preview shows how the XYZ color 57.7716, 59.1280, 68.0425 looks on a white background.

Color Contrast Check

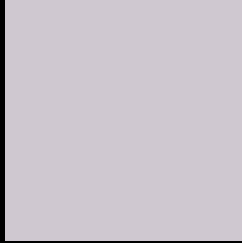
Large Text (above 18pt) WCAG AA × Fail

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 57.7716, 59.1280, 68.0425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

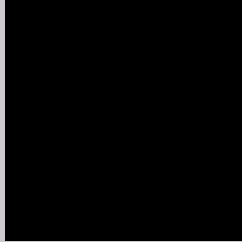
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

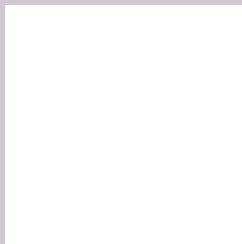
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.7716, 59.1280, 68.0425

Background



This preview shows how black text looks on a background with the XYZ color 57.7716, 59.1280, 68.0425.

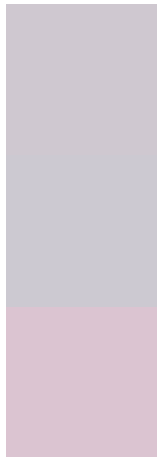


This preview shows how white text looks on a background with the XYZ color 57.7716, 59.1280,

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

57.7716, 59.1280, 68.0425

Protanopia

57.2971, 59.2141, 68.7312

Deuteranopia

60.4620, 59.1434, 68.5507



Tritanopia

58.7016, 59.1630, 72.6157

Trichromacy



Original Color

57.7716, 59.1280, 68.0425

Protanomaly

57.5721, 59.3559, 68.7441

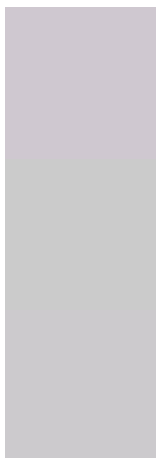
Deuteranomaly

59.4992, 58.9830, 68.5705

Tritanomaly

58.3195, 59.0102, 70.6037

Monochromacy



Original Color

57.7716, 59.1280, 68.0425

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0418, 59.4862, 66.2332

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.7716, 59.1280, 68.0425 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, 200, 208)` looks like.

```
.text, #text, p{  
    color:rgb(207, 200, 208)  
}
```

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, 200, 208) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 200, 208) }
```

Border

The CSS property to change the border of an element to XYZ 57.7716, 59.1280, 68.0425 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, 200, 208) }
```


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

```
.border{ border-color:rgb(207, 200, 208) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 200, 208)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 200, 208); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 200, 208);  
box-shadow:4px 4px 4px 4px rgb(207, 200,  
208) }
```

Background

The CSS property to change the background color of an element to XYZ 57.7716, 59.1280, 68.0425 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 200, 208) }
```

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

```
.background{ background-color: rgb(207,  
200, 208) }
```

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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