

Converting Colors

XYZ(57.3267, 59.2717, 67.4258)

Have a look what the booklet for
XYZ(57.3267, 59.2717, 67.4258)
contains.

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Color

**XYZ(57.3260, 59.2574,
67.4479)**

Conversions

Conversions Part 1

Format	Color
Hex	CDC9CF
RGB	205, 201, 207
RGB Percent	80%, 79%, 81%
CMY	0.1961, 0.2117, 0.1882
CMYK	0.01, 0.03, 0.00, 0.19
HSL	280°, 6%, 80%
HSV	280°, 3%, 81%
XYZ	57.3260, 59.2574, 67.4479
YIQ	202.8800, 0.4580, 2.7140

Conversions

Conversions Part 2

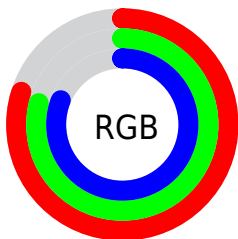
Format	Color
R_{YB}	205, 201, 207
Decimal	13486543
CIE Lab	81.43, 2.48, -2.50
CIE LCh	81, 3.523, 314.739
Yxy	59.2574, 0.3115, 0.3220
Android (android.graphics.Color)	4291676623 (0xFFCDC9CF)
YUV	202.8800, 2.0312, 1.8592
Hunter-Lab	76.9788, -1.7843, 1.9360

Details

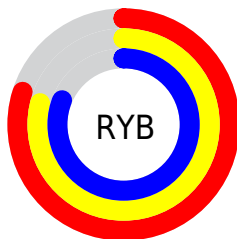
The XYZ color **57.3260, 59.2574, 67.4479** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.4862, 61.5407, 64.1100**, and the grayscale version is **56.6784, 59.6300, 64.9371**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **28.9460, 29.7467, 34.3531** is the 20% darker color. If you saturate the color by 10%, you get **50.9601, 49.2899, 65.8604**, and if you desaturate by 10%, it is **64.4296, 70.5739, 69.2587**.

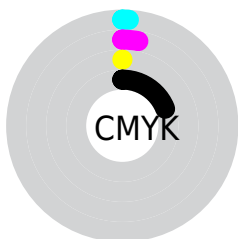
Distribution



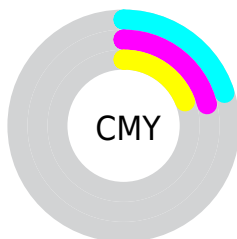
- Red (80%)
- Green (79%)
- Blue (81%)



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



- Cyan (1%)
- Magenta (3%)
- Yellow (0%)
- Black (19%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3260, 59.2574, 67.4479 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 57.3260, 59.2574, 67.4479 by changing the saturation by 10% instead.

■ 57.3260, 59.2574,
67.4479

■ 57.3260, 59.2574,
67.4479

404.6642,
421.8551, 470.0822

■ 41.5082, 42.8204,
48.9848

100.0693,
103.7517, 117.2087

■ 28.9058, 29.7442,
34.2419

127.7256,
132.5777, 149.3435

■ 19.1535, 19.6445,
22.8007

160.0586,
166.3022, 186.8727

■ 11.8859, 12.1369,
14.2425

197.4339,
205.3095, 230.2147

■ 6.7377, 6.8370,
8.1488

240.2168,
249.9841, 279.7881

■ 3.3435, 3.3604,
4.1012

288.7725,

■ 1.3379, 1.3226,

300.7103, 336.0115

1.6810

343.4665,
357.8725, 399.3033

■ 0.2113, 0.1586,
0.3477

■ 0.0000, 0.0000,
0.0000

■ 57.3260, 59.2574,
67.4479

■ 57.3260, 59.2574,
67.4479

■ 50.9601, 49.2899,
65.8604

■ 64.4296, 70.5739,
69.2587

■ 45.3000, 40.6115,
64.4836

■ 72.2911, 83.2810,
71.2971

■ 40.3187, 33.1691,
63.3096

■ 78.2962, 92.1471,
72.6919

■ 35.9854, 26.9029,
62.3285

■ 80.5011, 93.2838,
72.7951

■ 32.2669, 21.7482,
61.5295

■ 82.7942, 94.4660,
72.9024

■ 29.1267, 17.6336,
60.9009

■ 85.1764, 95.6940,
73.0139

■ 26.5240, 14.4794,
60.4292

■ 87.6486, 96.9685,
73.1296

■ 24.4122, 12.1938,
60.0994

■ 88.2627, 97.2851,
73.1583

■ 22.7351, 10.6667,
59.8930

Harmonies

Analogous

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



56.6838, 59.2574, 68.5273



57.3260, 59.2574, 67.4479



57.7009, 59.2574, 65.5956

Triad

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



57.3260, 59.2574, 67.4479



56.6963, 59.2574, 60.6836



54.9627, 59.2574, 65.5596

Complementary

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



57.3260, 59.2574, 67.4479



57.4862, 61.5407, 64.1100

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.



54.9660, 59.2574, 63.4586



57.3260, 59.2574, 67.4479



55.9625, 59.2574, 60.6744

Square

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



57.3260, 59.2574, 67.4479



57.3352, 59.2574, 61.7058



55.3305, 59.2574, 61.6805



55.3215, 59.2574, 67.4210

Rectangle

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



57.3260, 59.2574, 67.4479



57.7468, 59.2574, 64.1864



55.3305, 59.2574, 61.6805



54.9216, 59.2574, 64.8572

Sweetspot

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



57.3277, 59.2599, 67.4492



93.9297, 98.2229, 108.6160



56.7317, 59.6840, 67.5625



20.1166, 21.0425, 23.2513



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.



57.3277, 59.2599, 67.4492



91.7255, 94.7352, 108.0590



57.7732, 59.5023, 66.8976



12.7306, 13.0886, 15.0990



13.8002, 6.2946, 37.6801



0.8539, 0.3944, 2.1107

Inverse Universe

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



57.4003, 59.3531, 64.9337



91.8477, 94.8917, 103.8363



57.0512, 61.3042, 64.6437



12.7520, 13.1158, 14.3682



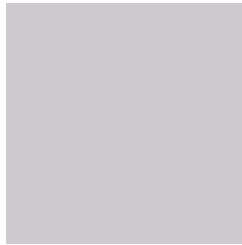
16.9293, 8.6445, 4.5338



0.9831, 0.4980, 0.4459

Previews

White Background



This preview shows how the XYZ color 57.3260, 59.2574, 67.4479 looks on a white background.

Color Contrast Check

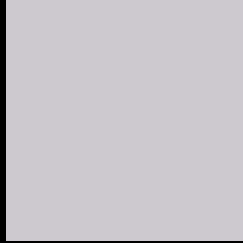
Large Text (above 18pt) WCAG AA × Fail

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 57.3260, 59.2574, 67.4479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

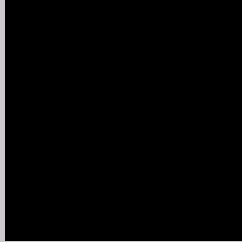
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

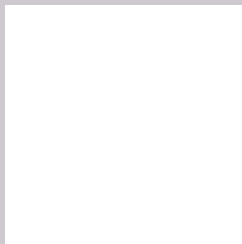
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3260, 59.2574, 67.4479

Background



This preview shows how black text looks on a background with the XYZ color 57.3260, 59.2574, 67.4479.

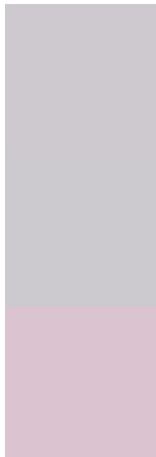


This preview shows how white text looks on a background with the XYZ color 57.3260, 59.2574,

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

57.3260, 59.2574, 67.4479

Protanopia

57.0510, 59.1157, 67.4350

Deuteranopia

60.3385, 59.0940, 67.9006



Tritanopia

58.3736, 59.3367, 72.6665

Trichromacy



Original Color

57.3260, 59.2574, 67.4479

Protanomaly

57.0510, 59.1157, 67.4350

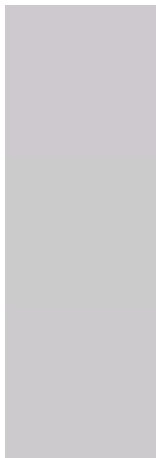
Deuteranomaly

59.3108, 59.2384, 67.9826

Tritanomaly

57.9915, 59.1838, 70.6545

Monochromacy



Original Color

57.3260, 59.2574, 67.4479

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 57.3260, 59.2574, 67.4479 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(205, 201, 207)` looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 201, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 201, 207) }
```

Border

The CSS property to change the border of an element to XYZ 57.3260, 59.2574, 67.4479 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(205, 201, 207) }
```


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

```
.border{ border-color:rgb(205, 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(205, 201, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(205, 201, 207); -webkit-box-shadow:4px 4px 4px 4px rgb(205, 201, 207); box-shadow:4px 4px 4px 4px rgb(205, 201, 207) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3260, 59.2574, 67.4479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 201, 207) }
```

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

```
.background{ background-color: rgb(205,  
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](#).

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