

Converting Colors

XYZ(58.1116, 58.5298, 67.5827)

Have a look what the booklet for
XYZ(58.1116, 58.5298, 67.5827)
contains.

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Color

**XYZ(58.0349, 58.5948,
67.2826)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C6CF
RGB	210, 198, 207
RGB Percent	82%, 78%, 81%
CMY	0.1765, 0.2235, 0.1882
CMYK	0.00, 0.06, 0.01, 0.18
HSL	315°, 12%, 80%
HSV	315°, 6%, 82%
XYZ	58.0349, 58.5948, 67.2826
YIQ	202.6140, 4.2630, 5.3430

Conversions

Conversions Part 2

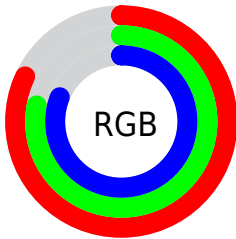
Format	Color
R _Y B	210, 198, 207
Decimal	13813455
CIE Lab	81.07, 5.79, -2.99
CIE LCh	81, 6.513, 332.656
Yxy	58.5948, 0.3156, 0.3186
Android (android.graphics.Color)	4292003535 (0xFFD2C6CF)
YUV	202.6140, 2.1623, 6.4775
Hunter-Lab	76.5472, 1.3735, 1.4690

Details

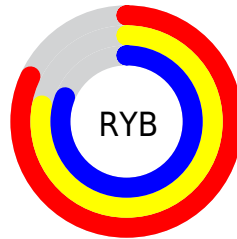
The XYZ color **58.0349, 58.5948, 67.2826** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.8801, 62.3176, 64.2920**, and the grayscale version is **56.5092, 59.4521, 64.7433**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4333, 29.3143, 34.2439** is the 20% darker color. If you saturate the color by 10%, you get **52.9329, 49.4004, 62.4672**, and if you desaturate by 10%, it is **63.8272, 69.1338, 72.4349**.

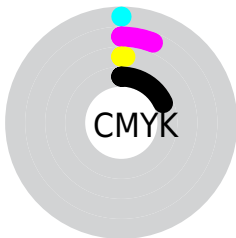
Distribution



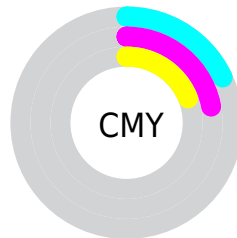
- Red (82%)
- Green (78%)
- Blue (81%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (1%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0349, 58.5948, 67.2826 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 58.0349, 58.5948, 67.2826 by changing the saturation by 10% instead.

■ 58.0349, 58.5948,
67.2826

■ 58.0349, 58.5948,
67.2826

407.2677,
419.3987, 469.4789

■ 42.0801, 42.2870,
48.8513

101.0964,
102.7885, 116.9697

■ 29.3554, 29.3261,
34.1368

128.9337,
131.4432, 149.0627

■ 19.4955, 19.3276,
22.7205

161.4626,
164.9824, 186.5465

■ 12.1350, 11.9073,
14.1839

199.0484,
203.7904, 229.8398

■ 6.9085, 6.6806,
8.1085

242.0564,
248.2516, 279.3612

■ 3.4508, 3.2631,
4.0757

290.8521,

■ 1.3964, 1.2706,

298.7505, 335.5292

1.6669

345.8008,
355.6714, 398.7622

■ 0.2536, 0.1183,
0.3379

■ 0.0000, 0.0000,
0.0000

■ 58.0349, 58.5948,
67.2826

■ 58.0349, 58.5948,
67.2826

■ 52.9329, 49.4004,
62.4672

■ 63.8272, 69.1338,
72.4349

■ 48.4886, 41.4886,
57.9747

■ 70.3305, 81.0612,
77.9299

■ 44.6744, 34.8035,
53.7956

■ 75.6252, 90.5364,
83.1293

■ 41.4589, 29.2824,
49.9183

■ 76.3434, 90.8237,
86.9116

38.8076, 24.8569,
46.3304

77.0838, 91.1199,
90.8105

36.6826, 21.4516,
43.0181

77.8466, 91.4250,
94.8272

35.0411, 18.9812,
39.9660

78.6319, 91.7391,
98.9624

33.8335, 17.3467,
37.1566

79.4399, 92.0623,
103.2174

32.9986, 16.4261,
34.5682

80.2708, 92.3947,
107.5929

Harmonies

Analogous

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



57.1078, 58.5948, 70.2786



58.0349, 58.5948, 67.2826



58.3312, 58.5948, 63.4552

Triad

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



58.0349, 58.5948, 67.2826



55.5722, 58.5948, 56.6448



53.5315, 58.5948, 67.9040

Complementary

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



58.0349, 58.5948, 67.2826



56.8801, 62.3176, 64.2920

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.



53.1348, 58.5948, 64.1456



58.0349, 58.5948, 67.2826



54.3010, 58.5948, 57.7319

Square

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



58.0349, 58.5948, 67.2826



56.8958, 58.5948, 57.4096



53.4142, 58.5948, 60.4393



54.5065, 58.5948, 70.6474

Rectangle

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



58.0349, 58.5948, 67.2826



58.1273, 58.5948, 60.9734



53.4142, 58.5948, 60.4393



53.3268, 58.5948, 66.7122

Sweetspot

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



58.0366, 58.5973, 67.2839



93.2398, 96.7072, 107.2870



55.9167, 57.4617, 69.1177



19.9761, 20.7338, 22.9808



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.



58.0366, 58.5973, 67.2839



88.9072, 88.8511, 103.3479



57.3170, 58.3095, 63.4948



12.3939, 12.3442, 14.4193



19.9920, 9.8696, 20.6618



1.1485, 0.5641, 1.3170

Inverse Universe

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



58.0366, 58.5973, 67.2839



88.9072, 88.8511, 103.3479



57.5997, 62.6054, 68.0811



12.3939, 12.3442, 14.4193



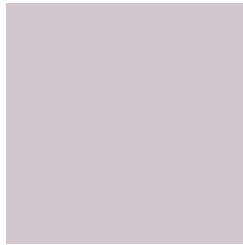
19.9920, 9.8696, 20.6618



1.1485, 0.5641, 1.3170

Previews

White Background



This preview shows how the XYZ color 58.0349, 58.5948, 67.2826 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 58.0349, 58.5948, 67.2826 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 58.0349, 58.5948, 67.2826

Background



This preview shows how black text looks on a background with the XYZ color 58.0349, 58.5948, 67.2826.



This preview shows how white text looks on a background with the XYZ color 58.0349, 58.5948,

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

58.0349, 58.5948, 67.2826

Protanopia

56.6680, 58.5591, 67.9908

Deuteranopia

59.8137, 58.4897, 67.8116



Tritanopia

58.8405, 58.5855, 71.1577

Trichromacy



Original Color

58.0349, 58.5948, 67.2826

Protanomaly

57.2622, 58.5227, 67.9525

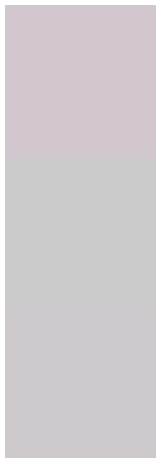
Deuteranomaly

59.1494, 58.4810, 67.8450

Tritanomaly

58.5881, 58.4845, 69.8287

Monochromacy



Original Color

58.0349, 58.5948, 67.2826

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.2393, 59.2547, 65.5472

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0349, 58.5948, 67.2826 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(210, 198, 207) looks like.

```
.text, #text, p{  
    color:rgb(210, 198, 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(210, 198, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 198, 207) }
```

Border

The CSS property to change the border of an element to XYZ 58.0349, 58.5948, 67.2826 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(210, 198, 207) }
```


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

```
.border{ border-color:rgb(210, 198, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 198, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 198, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 198, 207);  
box-shadow:4px 4px 4px 4px rgb(210, 198,  
207) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0349, 58.5948, 67.2826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 198, 207) }
```

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

```
.background{ background-color: rgb(210,  
198, 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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