

Converting Colors

XYZ(57.9569, 58.3029, 83.8887)

Have a look what the booklet for
XYZ(57.9569, 58.3029, 83.8887)
contains.

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Color

**XYZ(57.9066, 58.1635,
83.7760)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C6E7
RGB	198, 198, 231
RGB Percent	78%, 78%, 91%
CMY	0.2235, 0.2235, 0.0941
CMYK	0.14, 0.14, 0.00, 0.09
HSL	240°, 41%, 84%
HSV	240°, 14%, 91%
XYZ	57.9066, 58.1635, 83.7760
YIQ	201.7620, -10.5930, 10.2630

Conversions

Conversions Part 2

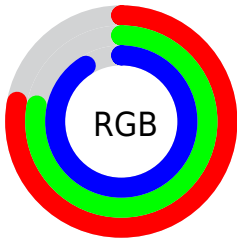
Format	Color
R _Y B	198, 198, 231
Decimal	13027047
CIE Lab	80.83, 6.50, -16.32
CIE LCh	81, 17.566, 291.723
Yxy	58.1635, 0.2898, 0.2910
Android (android.graphics.Color)	4291217127 (0xFFC6C6E7)
YUV	201.7620, 14.4143, -3.2993
Hunter-Lab	76.2650, 2.0680, -11.7437

Details

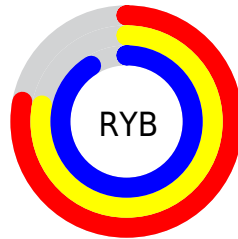
The XYZ color **57.9066, 58.1635, 83.7760** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.7243, 78.2176, 64.7446**, and the grayscale version is **55.9100, 58.8217, 64.0568**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.2127, 28.9710, 44.6097** is the 20% darker color. If you saturate the color by 10%, you get **47.3929, 45.4957, 81.8859**, and if you desaturate by 10%, it is **70.1576, 72.9251, 85.9805**.

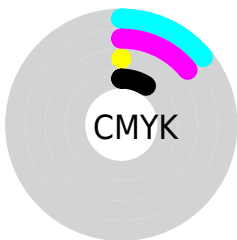
Distribution



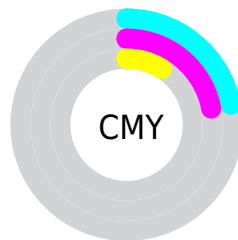
- Red (78%)
- Green (78%)
- Blue (91%)



- Red (78%)
- Yellow (78%)
- Blue (91%)



- Cyan (14%)
- Magenta (14%)
- Yellow (0%)
- Black (9%)



- Cyan (22%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9066, 58.1635, 83.7760 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 57.9066, 58.1635, 83.7760 by changing the saturation by 10% instead.

■ 57.9066, 58.1635,
83.7760

■ 57.9066, 58.1635,
83.7760

406.7973,
417.7949, 527.6077

■ 41.9765, 41.9401,
62.2862

100.9106,
102.1609, 140.5207

■ 29.2739, 29.0544,
44.8267

128.7152,
130.7037, 176.6127

■ 19.4335, 19.1220,
30.9790

161.2087,
164.1218, 218.4092

■ 12.0898, 11.7584,
20.3245

198.7565,
202.7995, 266.3287

■ 6.8775, 6.5794,
12.4447

241.7239,
247.1213, 320.7898

■ 3.4312, 3.2005,
6.9211

290.4763,

■ 1.3857, 1.2373,

297.4715, 382.2109

3.3351

345.3789,
354.2346, 451.0107

■ 0.2460, 0.0918,
1.2682

■ 0.0000, 0.0000,
0.0355

■ 57.9066, 58.1635,
83.7760

■ 57.9066, 58.1635,
83.7760

■ 47.3929, 45.4957,
81.8859

■ 70.1576, 72.9251,
85.9805

■ 38.5329, 34.8200,
80.2923

■ 84.2138, 89.8615,
88.5087

■ 31.2440, 26.0375,
78.9813

■ 91.4240, 98.5496,
89.8057

■ 25.4346, 19.0375,
77.9363

■ 21.0035, 13.6982,
77.1393

■ 17.8368, 9.8824,
76.5696

■ 15.8026, 7.4311,
76.2037

■ 14.7397, 6.1501,
76.0125

■ 14.4242, 5.7700,
75.9557

Harmonies

Analogous

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



54.2838, 58.1635, 85.2443



57.9066, 58.1635, 83.7760



60.9454, 58.1635, 76.5387

Triad

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



57.9066, 58.1635, 83.7760



59.7205, 58.1635, 48.8974



48.6588, 58.1635, 60.4955

Complementary

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



57.9066, 58.1635, 83.7760



71.7243, 78.2176, 64.7446

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.



49.9821, 58.1635, 51.7360



57.9066, 58.1635, 83.7760



56.2937, 58.1635, 45.5358

Square

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



57.9066, 58.1635, 83.7760



62.0241, 58.1635, 56.2157



52.7392, 58.1635, 46.5150



49.0483, 58.1635, 71.0210

Rectangle

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



57.9066, 58.1635, 83.7760



62.1792, 58.1635, 69.8089



52.7392, 58.1635, 46.5150



48.9159, 58.1635, 57.2652

Sweetspot

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



57.9084, 58.1659, 83.7773



88.2286, 91.7809, 107.6731



66.2119, 74.8972, 86.1625



18.6188, 19.3246, 22.9987



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.



57.9084, 58.1659, 83.7773



68.5575, 68.0789, 104.1349



62.3360, 60.4476, 83.9843



13.5830, 13.8874, 18.1090



8.0863, 3.2348, 42.5813



0.5976, 0.2391, 3.1466

Inverse Universe

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



63.3435, 61.4557, 61.9524



76.5360, 72.9081, 72.0971



66.8091, 75.6848, 64.5147



14.3771, 14.3680, 14.9202



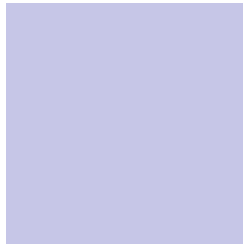
18.4751, 9.5243, 0.8650



1.3653, 0.7038, 0.0640

Previews

White Background



This preview shows how the XYZ color 57.9066, 58.1635, 83.7760 looks on a white background.

Color Contrast Check

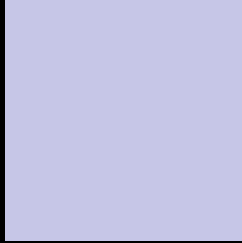
Large Text (above 18pt) WCAG AA × Fail

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 57.9066, 58.1635, 83.7760 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

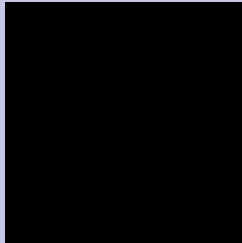
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9066, 58.1635, 83.7760

Background



This preview shows how black text looks on a background with the XYZ color 57.9066, 58.1635, 83.7760.



This preview shows how white text looks on a background with the XYZ color 57.9066, 58.1635,

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

57.9066, 58.1635, 83.7760

Protanopia

57.4946, 58.2751, 84.5619

Deuteranopia

59.3406, 58.2285, 83.7129



Tritanopia

55.5546, 57.8685, 73.2074

Trichromacy



Original Color

57.9066, 58.1635, 83.7760

Protanomaly

57.7539, 58.4088, 84.5740

Deuteranomaly

58.7472, 58.2586, 83.7500

Tritanomaly

56.2395, 57.8031, 76.5996

Monochromacy



Original Color

57.9066, 58.1635, 83.7760

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.9843, 58.9949, 71.3345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9066, 58.1635, 83.7760 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(198, 198, 231)` looks like.

```
.text, #text, p{  
    color:rgb(198, 198, 231)  
}
```

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(198, 198, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 198, 231) }
```

Border

The CSS property to change the border of an element to XYZ 57.9066, 58.1635, 83.7760 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(198, 198, 231) }
```


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

```
.border{ border-color:rgb(198, 198, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 198, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 198, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 198, 231);  
box-shadow:4px 4px 4px 4px rgb(198, 198,  
231) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9066, 58.1635, 83.7760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 198, 231) }
```

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

```
.background{ background-color: rgb(198,  
198, 231) }
```

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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