

Converting Colors

XYZ(57.4255, 57.8765, 85.5673)

Have a look what the booklet for
XYZ(57.4255, 57.8765, 85.5673)
contains.

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Color

**XYZ(57.4077, 57.8735,
85.2358)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C6E9
RGB	195, 198, 233
RGB Percent	76%, 78%, 91%
CMY	0.2353, 0.2235, 0.0863
CMYK	0.16, 0.15, 0.00, 0.09
HSL	235°, 46%, 84%
HSV	235°, 16%, 91%
XYZ	57.4077, 57.8735, 85.2358
YIQ	201.0930, -13.0230, 10.2490

Conversions

Conversions Part 2

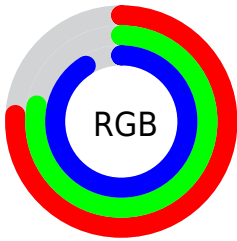
Format	Color
R _Y B	195, 198, 233
Decimal	12830441
CIE Lab	80.67, 5.98, -17.66
CIE LCh	81, 18.639, 288.699
Yxy	57.8735, 0.2863, 0.2886
Android (android.graphics.Color)	4291020521 (0xFFC3C6E9)
YUV	201.0930, 15.7302, -5.3436
Hunter-Lab	76.0746, 1.5697, -13.1777

Details

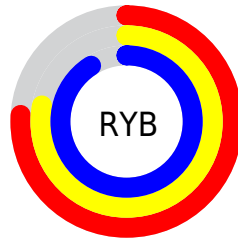
The XYZ color **57.4077, 57.8735, 85.2358** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.7517, 77.8569, 62.8771**, and the grayscale version is **55.4878, 58.3775, 63.5731**.

A 20% lighter version of the original color is **93.9549, 99.4354, 108.8487**, and **28.8936, 28.7836, 45.6279** is the 20% darker color. If you saturate the color by 10%, you get **47.2886, 45.8853, 83.4561**, and if you desaturate by 10%, it is **69.1647, 71.7406, 87.2937**.

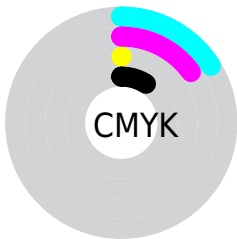
Distribution



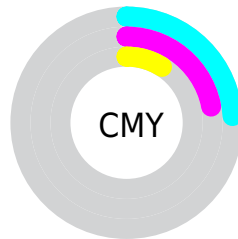
- Red (76%)
- Green (78%)
- Blue (91%)



- Red (76%)
- Yellow (78%)
- Blue (91%)



- Cyan (16%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (24%)
- Magenta (22%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4077, 57.8735, 85.2358 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 57.4077, 57.8735, 85.2358 by changing the saturation by 10% instead.

■ 57.4077, 57.8735,
85.2358

■ 57.4077, 57.8735,
85.2358

404.9648,
416.7144, 532.5729

■ 41.5741, 41.7070,
63.4850

100.1878,
101.7386, 142.5797

■ 28.9576, 28.8719,
45.7901

127.8649,
130.2060, 179.0098

■ 19.1929, 18.9839,
31.7328

160.2206,
163.5424, 221.1701

■ 11.9145, 11.6587,
20.8943

197.6202,
202.1323, 269.4790

■ 6.7573, 6.5117,
12.8563

240.4291,
246.3601, 324.3553

■ 3.3558, 3.1587,
7.2001

289.0125,

■ 1.3446, 1.2151,

296.6101, 386.2173

3.5072

343.7360,
353.2667, 455.4837

■ 0.2162, 0.0740,
1.3591

■ 0.0000, 0.0000,
0.1095

■ 57.4077, 57.8735,
85.2358

■ 57.4077, 57.8735,
85.2358

■ 47.2886, 45.8853,
83.4561

■ 69.1647, 71.7406,
87.2937

■ 38.7295, 35.6882,
81.9390

■ 82.6221, 87.5550,
89.6369

■ 31.6542, 27.1983,
80.6732

■ 91.7082, 98.6633,
91.3021

■ 25.9780, 20.3220,
79.6451

■ 21.6076, 14.9568,
78.8399

■ 18.4383, 10.9883,
78.2409

■ 16.3492, 8.2857,
77.8293

■ 15.1926, 6.6924,
77.5828

■ 14.9312, 6.3293,
77.5265

Harmonies

Analogous

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



53.5731, 57.8735, 86.1022



57.4077, 57.8735, 85.2358



60.7411, 57.8735, 78.0232

Triad

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



57.4077, 57.8735, 85.2358



60.0245, 57.8735, 48.4291



48.0812, 57.8735, 58.9616

Complementary

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



57.4077, 57.8735, 85.2358



71.7517, 77.8569, 62.8771

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.



49.6457, 57.8735, 50.0655



57.4077, 57.8735, 85.2358



56.4663, 57.8735, 44.4736

Square

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



57.4077, 57.8735, 85.2358



62.2997, 57.8735, 56.4768



52.6742, 57.8735, 45.0355



48.3069, 57.8735, 70.0380

Rectangle

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



57.4077, 57.8735, 85.2358



62.1752, 57.8735, 71.0106



52.6742, 57.8735, 45.0355



48.4121, 57.8735, 55.6422

Sweetspot

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



57.4095, 57.8759, 85.2371



86.8815, 90.3969, 107.4769



65.9052, 75.5848, 85.8570



18.3596, 19.0703, 22.9632



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.



57.4095, 57.8759, 85.2371



65.5150, 65.1837, 103.7364



61.0404, 58.7389, 85.2123



14.3268, 14.7401, 19.0123



8.5068, 3.6606, 44.0012



0.7013, 0.3540, 3.4662

Inverse Universe

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



63.3138, 60.4324, 61.7565



74.2217, 69.0013, 69.1005



67.6551, 76.9963, 62.9269



15.1138, 15.0734, 15.8844



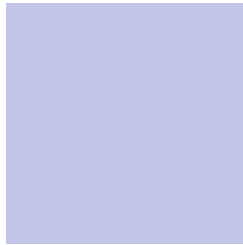
19.1491, 9.8623, 1.3208



1.5205, 0.7811, 0.1921

Previews

White Background



This preview shows how the XYZ color 57.4077, 57.8735, 85.2358 looks on a white background.

Color Contrast Check

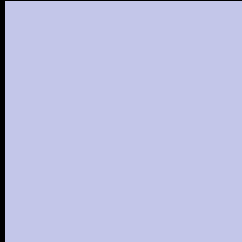
Large Text (above 18pt) WCAG AA × Fail

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 57.4077, 57.8735, 85.2358 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

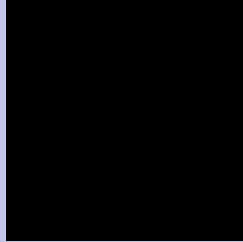
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4077, 57.8735, 85.2358

Background



This preview shows how black text looks on a background with the XYZ color 57.4077, 57.8735, 85.2358.



This preview shows how white text looks on a background with the XYZ color 57.4077, 57.8735,

85.2358.

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

57.4077, 57.8735, 85.2358

Protanopia

57.1502, 57.7407, 85.2237

Deuteranopia

58.9950, 57.6672, 85.8634



Tritanopia

55.1493, 57.9895, 73.9321

Trichromacy



Original Color

57.4077, 57.8735, 85.2358

Protanomaly

57.1502, 57.7407, 85.2237

Deuteranomaly

58.4106, 57.6997, 85.9005

Tritanomaly

55.9659, 57.9737, 78.0524

Monochromacy



Original Color

57.4077, 57.8735, 85.2358

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.2177, 58.2548, 71.2321

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4077, 57.8735, 85.2358 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(195, 198, 233)` looks like.

```
.text, #text, p{  
    color:rgb(195, 198, 233)  
}
```

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(195, 198, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 198, 233) }
```

Border

The CSS property to change the border of an element to XYZ 57.4077, 57.8735, 85.2358 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(195, 198, 233) }
```


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

```
.border{ border-color:rgb(195, 198, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 198, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 198, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 198, 233);  
box-shadow:4px 4px 4px 4px rgb(195, 198,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4077, 57.8735, 85.2358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 198, 233) }
```

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

```
.background{ background-color: rgb(195,  
198, 233) }
```

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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