

Converting Colors

XYZ(59.8483, 58.7884, 86.4876)

Have a look what the booklet for
XYZ(59.8483, 58.7884, 86.4876)
contains.

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Color

**XYZ(59.8635, 58.7680,
86.7855)**

Conversions

Conversions Part 1

Format	Color
Hex	CCC5EB
RGB	204, 197, 235
RGB Percent	80%, 77%, 92%
CMY	0.2000, 0.2274, 0.0784
CMYK	0.13, 0.16, 0.00, 0.08
HSL	251°, 49%, 85%
HSV	251°, 16%, 92%
XYZ	59.8635, 58.7680, 86.7855
YIQ	203.4250, -8.0260, 13.3020

Conversions

Conversions Part 2

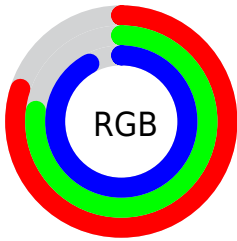
Format	Color
R_{YB}	204, 197, 235
Decimal	13420011
CIE _{Lab}	81.16, 9.78, -17.91
CIE _{LCh}	81, 20.409, 298.642
Yxy	58.7680, 0.2914, 0.2861
Android (android.graphics.Color)	4291610091 (0xFFCCC5EB)
YUV	203.4250, 15.5665, 0.5043
Hunter-Lab	76.6603, 5.2339, -13.4588

Details

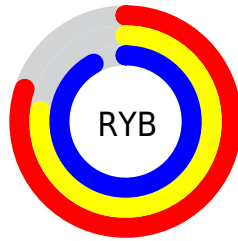
The XYZ color **59.8635, 58.7680, 86.7855** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **71.7833, 79.9434, 64.4732**, and the grayscale version is **56.9421, 59.9075, 65.2393**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **30.5368, 29.3836, 46.7100** is the 20% darker color. If you saturate the color by 10%, you get **50.0027, 46.3723, 84.9135**, and if you desaturate by 10%, it is **71.2066, 73.1656, 88.9676**.

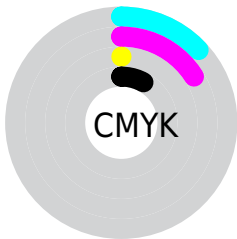
Distribution



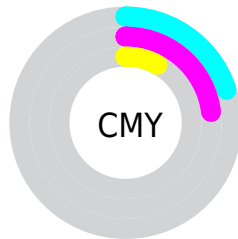
- Red (80%)
- Green (77%)
- Blue (92%)



- Red (80%)
- Yellow (77%)
- Blue (92%)



- Cyan (13%)
- Magenta (16%)
- Yellow (0%)
- Black (8%)



- Cyan (20%)
- Magenta (23%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8635, 58.7680, 86.7855 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 59.8635, 58.7680, 86.7855 by changing the saturation by 10% instead.

■ 59.8635, 58.7680,
86.7855

■ 59.8635, 58.7680,
86.7855

413.9373,
420.0416, 537.8157

■ 43.5577, 42.4264,
64.7591

103.7391,
103.0404, 144.7614

■ 30.5193, 29.4353,
46.8157

132.0396,
131.7400, 181.5479

■ 20.3831, 19.4104,
32.5367

165.0690,
165.3277, 224.0916

■ 12.7837, 11.9672,
21.5035

203.1927,
204.1879, 272.8109

■ 7.3558, 6.7213,
13.2977

246.7760,
248.7050, 328.1244

■ 3.7339, 3.2884,
7.5008

296.1843,

■ 1.5527, 1.2841,

299.2634, 390.4507

3.6940

351.7829,
356.2474, 460.2083

■ 0.3613, 0.1289,
1.4590

■ 0.0000, 0.0000,
0.1871

■ 59.8635, 58.7680,
86.7855

■ 59.8635, 58.7680,
86.7855

■ 50.0027, 46.3723,
84.9135

■ 71.2066, 73.1656,
88.9676

■ 41.5569, 35.8823,
83.3339

■ 84.0847, 89.6411,
91.4689

■ 34.4617, 27.2048,
82.0329

■ 91.9956, 98.7782,
92.8156

■ 28.6454, 20.2357,
80.9943

■ 24.0296, 14.8602,
80.2000

■ 20.5268, 10.9493,
79.6298

■ 18.0369, 8.3532,
79.2599

■ 16.4397, 6.8878,
79.0612

■ 16.0036, 6.5179,
79.0128

Harmonies

Analogous

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



55.6639, 58.7680, 90.3310



59.8635, 58.7680, 86.7855



63.1244, 58.7680, 76.9460

Triad

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



59.8635, 58.7680, 86.7855



60.2152, 58.7680, 46.0236



48.0850, 58.7680, 63.4357

Complementary

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



59.8635, 58.7680, 86.7855



71.7833, 79.9434, 64.4732

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.



49.1703, 58.7680, 52.5737



59.8635, 58.7680, 86.7855



56.0510, 58.7680, 43.3406

Square

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



59.8635, 58.7680, 86.7855



63.3346, 58.7680, 53.4204



52.0338, 58.7680, 45.5801



48.9928, 58.7680, 75.8655

Rectangle

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



59.8635, 58.7680, 86.7855



64.2517, 58.7680, 68.7054



52.0338, 58.7680, 45.5801



48.2278, 58.7680, 59.4923

Sweetspot

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



59.8653, 58.7704, 86.7868



87.3927, 90.2135, 107.4146



65.7758, 73.3753, 89.2943



18.4834, 19.0259, 22.9481



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.



59.8653, 58.7704, 86.7868



68.4174, 66.1467, 103.7693



65.3847, 61.6158, 87.0451



14.4900, 14.6823, 18.9925



8.9839, 3.6673, 43.9773



0.7788, 0.3258, 3.4567

Inverse Universe

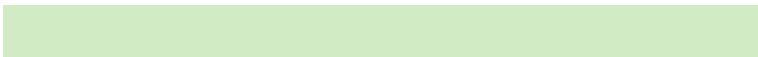
The Inverse Universe completely reimagines the original color for something new.



68.2327, 63.1985, 82.0036



80.0903, 72.3265, 96.9900



66.0921, 77.0095, 64.2069



15.5889, 15.2634, 18.3863



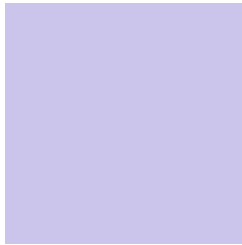
24.3899, 11.9586, 28.9180



1.9461, 0.9514, 2.4333

Previews

White Background



This preview shows how the XYZ color 59.8635, 58.7680, 86.7855 looks on a white background.

Color Contrast Check

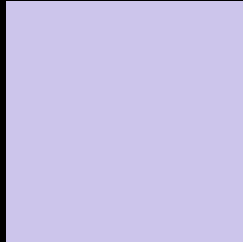
Large Text (above 18pt) WCAG AA × Fail

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 59.8635, 58.7680, 86.7855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

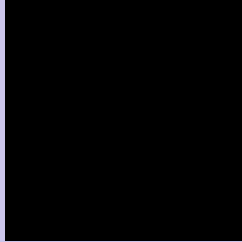
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.8635, 58.7680, 86.7855

Background



This preview shows how black text looks on a background with the XYZ color 59.8635, 58.7680, 86.7855.



This preview shows how white text looks on a background with the XYZ color 59.8635, 58.7680,

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

59.8635, 58.7680, 86.7855

Protanopia

58.1885, 58.8923, 88.4213

Deuteranopia

60.1385, 58.9098, 86.7984



Tritanopia

57.1363, 58.6839, 73.2815

Trichromacy



Original Color

59.8635, 58.7680, 86.7855

Protanomaly

58.8524, 58.9087, 87.6255

Deuteranomaly

60.1385, 58.9098, 86.7984

Tritanomaly

58.0998, 58.7311, 78.0861

Monochromacy



Original Color

59.8635, 58.7680, 86.7855

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.7810, 59.3761, 72.7053

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8635, 58.7680, 86.7855 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(204, 197, 235)` looks like.

```
.text, #text, p{  
    color:rgb(204, 197, 235)  
}
```

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(204, 197, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 197, 235) }
```

Border

The CSS property to change the border of an element to XYZ 59.8635, 58.7680, 86.7855 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(204, 197, 235) }
```


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

```
.border{ border-color:rgb(204, 197, 235) }
```

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

Here you see how a box with a 4 pixel rgb(204, 197, 235) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 197, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 197, 235);  
box-shadow:4px 4px 4px 4px rgb(204, 197,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8635, 58.7680, 86.7855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 197, 235) }
```

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

```
.background{ background-color: rgb(204,  
197, 235) }
```

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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