

Converting Colors

XYZ(57.8119, 58.3723, 87.5768)

Have a look what the booklet for
XYZ(57.8119, 58.3723, 87.5768)
contains.

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Color

**XYZ(57.8119, 58.3723,
87.5768)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C7EC
RGB	194, 199, 236
RGB Percent	76%, 78%, 93%
CMY	0.2392, 0.2196, 0.0745
CMYK	0.18, 0.16, 0.00, 0.07
HSL	233°, 53%, 84%
HSV	233°, 18%, 93%
XYZ	57.8119, 58.3723, 87.5768
YIQ	201.7230, -14.8570, 10.4470

Conversions

Conversions Part 2

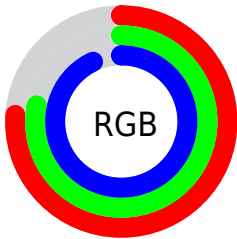
Format	Color
RYB	194, 198, 236
Decimal	12765164
CIELab	80.95, 5.77, -18.85
CIELCh	81, 19.714, 287.024
Yxy	58.3723, 0.2837, 0.2865
Android (android.graphics.Color)	4290955244 (0xFFC2C7EC)
YUV	201.7230, 16.8986, -6.7731
Hunter-Lab	76.4018, 1.3648, -14.4809

Details

The XYZ color **57.8119, 58.3723, 87.5768** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.9061, 78.8798, 62.4232**, and the grayscale version is **55.8726, 58.7824, 64.0140**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **29.1788, 29.1215, 47.2631** is the 20% darker color. If you saturate the color by 10%, you get **47.7684, 46.5735, 85.8297**, and if you desaturate by 10%, it is **69.4744, 71.9787, 89.5894**.

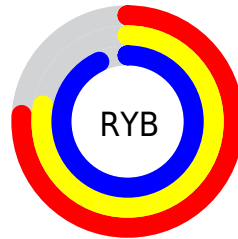
Distribution



Red (76%)

Green (78%)

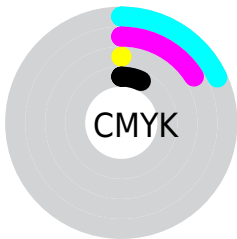
Blue (93%)



Red (76%)

Yellow (78%)

Blue (93%)

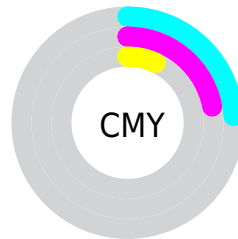


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (7%)



Cyan (24%)

Magenta (22%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.8119, 58.3723, 87.5768 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 57.8119, 58.3723, 87.5768 by changing the saturation by 10% instead.

■ 57.8119, 58.3723,
87.5768

■ 57.8119, 58.3723,
87.5768

406.4498,
418.5718, 540.4817

■ 41.9001, 42.1080,
65.4103

■ 100.7734,
102.4648, 145.8738

■ 29.2139, 29.1859,
47.3404

128.5539,
131.0618, 182.8413

■ 19.3878, 19.2215,
32.9486

161.0213,
164.5386, 225.5797

■ 12.0565, 11.8304,
21.8162

198.5410,
203.2794, 274.5073

■ 6.8546, 6.6283,
13.5249

241.4783,
247.6688, 330.0428

■ 3.4169, 3.2308,
7.6560

290.1987,

■ 1.3779, 1.2534,

298.0910, 392.6046

3.7910

345.0674,
354.9306, 462.6114

■ 0.2404, 0.1047,
1.5114

■ 0.0000, 0.0000,
0.2264

■ 57.8119, 58.3723,
87.5768

■ 57.8119, 58.3723,
87.5768

■ 47.7684, 46.5735,
85.8297

■ 69.4744, 71.9787,
89.5894

■ 39.2667, 36.4991,
84.3332

■ 82.8175, 87.4569,
91.8737

■ 32.2318, 28.0700,
83.0770

■ 92.1405, 98.8362,
93.5787

■ 26.5798, 21.1982,
82.0485

■ 22.2185, 15.7874,
81.2340

■ 19.0441, 11.7303,
80.6182

■ 16.9366, 8.9045,
80.1839

■ 15.7408, 7.1602,
79.9102

■ 15.5583, 6.8917,
79.8680

Harmonies

Analogous

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



53.7365, 58.3723, 88.0868



57.8119, 58.3723, 87.5768



61.4267, 58.3723, 80.1535

Triad

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



57.8119, 58.3723, 87.5768



61.0080, 58.3723, 48.4831



48.1757, 58.3723, 58.6403

Complementary

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



57.8119, 58.3723, 87.5768



72.9061, 78.8798, 62.4232

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.



49.9321, 58.3723, 49.4267



57.8119, 58.3723, 87.5768



57.2631, 58.3723, 44.0655

Square

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



57.8119, 58.3723, 87.5768



63.3332, 58.3723, 57.1984



53.2138, 58.3723, 44.3883



48.3065, 58.3723, 70.3713

Rectangle

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



57.8119, 58.3723, 87.5768



63.0290, 58.3723, 72.7463



53.2138, 58.3723, 44.3883



48.5612, 58.3723, 55.1770

Sweetspot

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



57.8137, 58.3747, 87.5781



87.0349, 90.7036, 107.5281



66.5840, 77.1970, 86.5499



18.3968, 19.1445, 22.9756



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.



57.8137, 58.3747, 87.5781



64.7724, 64.7276, 103.6875



60.8413, 58.2549, 87.3954



14.3757, 14.8378, 19.0286



8.6242, 3.8955, 44.0403



0.7246, 0.4006, 3.4740

Inverse Universe

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



64.1941, 60.5415, 62.3377



73.5956, 67.7890, 68.7689



69.4313, 79.1964, 62.6675



15.1384, 15.0832, 16.0143



19.2084, 9.8861, 1.6329



1.5322, 0.7859, 0.2541

Previews

White Background



This preview shows how the XYZ color 57.8119, 58.3723, 87.5768 looks on a white background.

Color Contrast Check

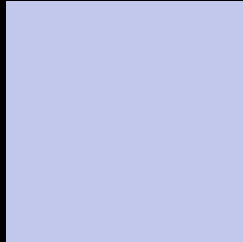
Large Text (above 18pt) WCAG AA × Fail

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 57.8119, 58.3723, 87.5768 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

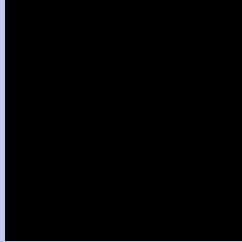
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.8119, 58.3723, 87.5768

Background



This preview shows how black text looks on a background with the XYZ color 57.8119, 58.3723, 87.5768.



This preview shows how white text looks on a background with the XYZ color 57.8119, 58.3723,

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

57.8119, 58.3723, 87.5768

Protanopia

57.8119, 58.3723, 87.5768

Deuteranopia

59.6546, 58.2908, 88.2279



Tritanopia

55.2613, 58.3794, 74.6854

Trichromacy



Original Color

57.8119, 58.3723, 87.5768

Protanomaly

57.8119, 58.3723, 87.5768

Deuteranomaly

59.0717, 58.3263, 88.2654

Tritanomaly

56.2155, 58.4160, 79.5467

Monochromacy



Original Color

57.8119, 58.3723, 87.5768

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.5774, 58.7704, 71.9802

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.8119, 58.3723, 87.5768 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(194, 199, 236)` looks like.

```
.text, #text, p{  
    color:rgb(194, 199, 236)  
}
```

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(194, 199, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 199, 236) }
```

Border

The CSS property to change the border of an element to XYZ 57.8119, 58.3723, 87.5768 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(194, 199, 236) }
```


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

```
.border{ border-color:rgb(194, 199, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 199, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 199, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 199, 236);  
box-shadow:4px 4px 4px 4px rgb(194, 199,  
236) }
```

Background

The CSS property to change the background color of an element to XYZ 57.8119, 58.3723, 87.5768 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 199, 236) }
```

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

```
.background{ background-color: rgb(194,  
199, 236) }
```

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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