

Converting Colors

XYZ(59.5029, 57.3132, 80.9239)

Have a look what the booklet for
XYZ(59.5029, 57.3132, 80.9239)
contains.

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Color

**XYZ(59.5134, 57.3876,
80.6133)**

Conversions

Conversions Part 1

Format	Color
Hex	D2C1E3
RGB	210, 193, 227
RGB Percent	82%, 76%, 89%
CMY	0.1765, 0.2431, 0.1098
CMYK	0.07, 0.15, 0.00, 0.11
HSL	270°, 38%, 82%
HSV	270°, 15%, 89%
XYZ	59.5134, 57.3876, 80.6133
YIQ	201.9590, -0.7820, 14.1780

Conversions

Conversions Part 2

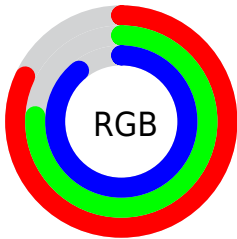
Format	Color
R _Y B	210, 193, 227
Decimal	13812195
CIE Lab	80.40, 12.25, -14.73
CIE LCh	80, 19.158, 309.752
Yxy	57.3876, 0.3013, 0.2905
Android (android.graphics.Color)	4292002275 (0xFFD2C1E3)
YUV	201.9590, 12.3452, 7.0520
Hunter-Lab	75.7546, 7.6604, -10.0645

Details

The XYZ color **59.5134, 57.3876, 80.6133** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **63.6752, 72.4916, 61.0911**, and the grayscale version is **56.0407, 58.9592, 64.2066**.

A 20% lighter version of the original color is **93.1657, 96.2314, 108.2719**, and **30.1966, 28.4124, 42.9223** is the 20% darker color. If you saturate the color by 10%, you get **51.7578, 46.5043, 78.9223**, and if you desaturate by 10%, it is **68.2719, 69.9343, 82.5743**.

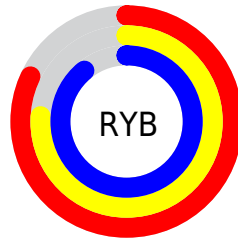
Distribution



Red (82%)

Green (76%)

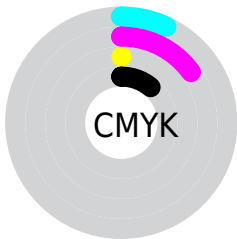
Blue (89%)



Red (82%)

Yellow (76%)

Blue (89%)

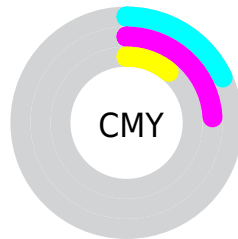


Cyan (7%)

Magenta (15%)

Yellow (0%)

Black (11%)



Cyan (18%)

Magenta (24%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5134, 57.3876, 80.6133 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 59.5134, 57.3876, 80.6133 by changing the saturation by 10% instead.

■ 59.5134, 57.3876,
80.6133

■ 59.5134, 57.3876,
80.6133

412.6654,
414.9001, 516.7585

■ 43.2745, 41.3165,
59.6940

■ 103.2338,
101.0305, 136.0468

■ 30.2960, 28.5665,
42.7484

131.4461,
129.3712, 171.3982

■ 20.2126, 18.7531,
29.3578

164.3802,
162.5704, 212.3973

■ 12.6588, 11.4920,
19.1038

202.4014,
201.0127, 259.4627

■ 7.2694, 6.3988,
11.5677

245.8752,
245.0824, 313.0130

■ 3.6790, 3.0891,
6.3311

295.1669,

■ 1.5222, 1.1784,

295.1640, 373.4667

2.9754

350.6418,
351.6417, 441.2424

■ 0.3408, 0.0440,
1.0821

■ 0.0000, 0.0000,
0.0000

■ 59.5134, 57.3876,
80.6133

■ 59.5134, 57.3876,
80.6133

■ 51.7578, 46.5043,
78.9223

■ 68.2719, 69.9343,
82.5743

■ 44.9602, 37.2047,
77.4855

■ 78.0655, 84.2051,
84.8127

■ 39.0797, 29.4133,
76.2916

■ 86.9525, 96.3090,
86.6806

■ 34.0703, 23.0453,
75.3265

■ 90.8653, 98.3261,
86.8637

■ 29.8813, 18.0074,
74.5748

■ 26.4562, 14.1946,
74.0194

■ 23.7300, 11.4852,
73.6401

■ 21.6241, 9.7305,
73.4124

■ 20.7388, 9.0895,
73.3354

Harmonies

Analogous

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



55.8331, 57.3876, 86.2914



59.5134, 57.3876, 80.6133



61.9343, 57.3876, 70.2657

Triad

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



59.5134, 57.3876, 80.6133



57.1982, 57.3876, 44.3264



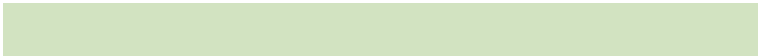
47.4423, 57.3876, 66.2172

Complementary

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



59.5134, 57.3876, 80.6133



63.6752, 72.4916, 61.0911

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.



47.7685, 57.3876, 55.3016



59.5134, 57.3876, 80.6133



53.2772, 57.3876, 43.5176

Square

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



59.5134, 57.3876, 80.6133



60.5538, 57.3876, 49.6616



49.8615, 57.3876, 47.3017



48.9478, 57.3876, 77.3460

Rectangle

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



59.5134, 57.3876, 80.6133



62.4430, 57.3876, 62.5790



49.8615, 57.3876, 47.3017



47.3431, 57.3876, 62.3918

Sweetspot

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



59.5151, 57.3900, 80.6146



90.0303, 92.7093, 107.7573



59.0463, 63.2592, 81.7721



19.0734, 19.5589, 23.0199



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.



59.5151, 57.3900, 80.6146



74.1694, 70.0339, 104.2165



64.4368, 59.9273, 80.8449



14.2659, 14.2393, 18.1409



12.2294, 5.3704, 42.7752



1.0108, 0.4521, 3.1659

Inverse Universe

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



62.3834, 59.1265, 69.1002



78.6379, 72.7392, 86.2779



59.2339, 70.2020, 60.8832



14.6761, 14.4876, 16.4945



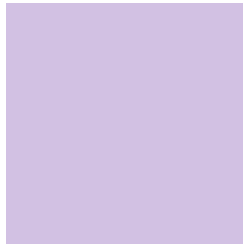
20.2890, 10.2498, 10.4170



1.5462, 0.7762, 1.0167

Previews

White Background



This preview shows how the XYZ color 59.5134, 57.3876, 80.6133 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 59.5134, 57.3876, 80.6133 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 59.5134, 57.3876, 80.6133

Background



This preview shows how black text looks on a background with the XYZ color 59.5134, 57.3876, 80.6133.



This preview shows how white text looks on a background with the XYZ color 59.5134, 57.3876,

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

59.5134, 57.3876, 80.6133

Protanopia

56.7251, 57.5707, 82.9854

Deuteranopia

58.6105, 57.2514, 80.6346



Tritanopia

57.2299, 57.4484, 69.7003

Trichromacy



Original Color

59.5134, 57.3876, 80.6133

Protanomaly

57.7022, 57.4164, 82.1700

Deuteranomaly

58.8890, 57.3950, 80.6476

Tritanomaly

58.0519, 57.4499, 73.6749

Monochromacy



Original Color

59.5134, 57.3876, 80.6133

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.3581, 58.5291, 69.9022

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5134, 57.3876, 80.6133 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, 193, 227)` looks like.

```
.text, #text, p{  
    color:rgb(210, 193, 227)  
}
```

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, 193, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 193, 227) }
```

Border

The CSS property to change the border of an element to XYZ 59.5134, 57.3876, 80.6133 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, 193, 227) }
```


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

```
.border{ border-color:rgb(210, 193, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 193, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 193, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 193, 227);  
box-shadow:4px 4px 4px 4px rgb(210, 193,  
227) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5134, 57.3876, 80.6133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 193, 227) }
```

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

```
.background{ background-color: rgb(210,  
193, 227) }
```

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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