

Converting Colors

XYZ(59.7198, 59.1153, 86.8032)

Have a look what the booklet for
XYZ(59.7198, 59.1153, 86.8032)
contains.

XYZ(59.5466, 58.9429, 86.8359)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.5466, 58.9429,
86.8359)**

Conversions

Conversions Part 1

Format	Color
Hex	CAC6EB
RGB	202, 198, 235
RGB Percent	79%, 78%, 92%
CMY	0.2078, 0.2235, 0.0784
CMYK	0.14, 0.16, 0.00, 0.08
HSL	246°, 48%, 85%
HSV	246°, 16%, 92%
XYZ	59.5466, 58.9429, 86.8359
YIQ	203.4140, -9.4930, 12.3550

Conversions

Conversions Part 2

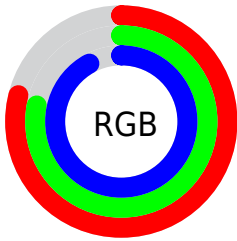
Format	Color
R _Y B	202, 198, 235
Decimal	13289195
CIE Lab	81.26, 8.61, -17.78
CIE LCh	81, 19.756, 295.837
Yxy	58.9429, 0.2900, 0.2871
Android (android.graphics.Color)	4291479275 (0xFFCAC6EB)
YUV	203.4140, 15.5719, -1.2401
Hunter-Lab	76.7743, 4.0907, -13.3182

Details

The XYZ color **59.5466, 58.9429, 86.8359** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **72.8584, 80.4843, 65.1238**, and the grayscale version is **56.9359, 59.9010, 65.2321**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.3227, 29.4971, 46.7432** is the 20% darker color. If you saturate the color by 10%, you get **49.2950, 46.2944, 84.9357**, and if you desaturate by 10%, it is **71.4055, 73.6602, 89.0525**.

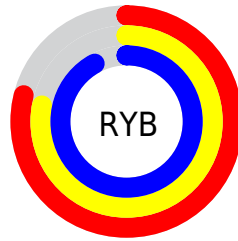
Distribution



Red (79%)

Green (78%)

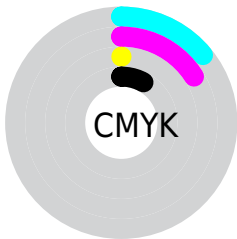
Blue (92%)



Red (79%)

Yellow (78%)

Blue (92%)

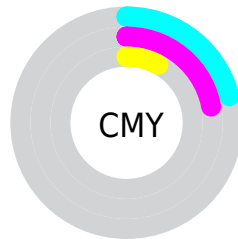


Cyan (14%)

Magenta (16%)

Yellow (0%)

Black (8%)



Cyan (21%)

Magenta (22%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5466, 58.9429, 86.8359 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 59.5466, 58.9429, 86.8359 by changing the saturation by 10% instead.

■ 59.5466, 58.9429,
86.8359

■ 59.5466, 58.9429,
86.8359

412.7861,
420.6903, 537.9857

■ 43.3013, 42.5672,
64.8006

103.2818,
103.2947, 144.8322

■ 30.3172, 29.5456,
46.8491

131.5024,
132.0395, 181.6303

■ 20.2287, 19.4940,
32.5629

164.4455,
165.6761, 224.1864

■ 12.6706, 12.0278,
21.5234

202.4765,
204.5890, 272.9190

■ 7.2776, 6.7626,
13.3122

245.9607,
249.1624, 328.2467

■ 3.6842, 3.3141,
7.5106

295.2635,

■ 1.5251, 1.2978,

299.7808, 390.5880

3.7002

350.7501,
356.8287, 460.3615

■ 0.3428, 0.1395,
1.4623

■ 0.0000, 0.0000,
0.1896

■ 59.5466, 58.9429,
86.8359

■ 59.5466, 58.9429,
86.8359

■ 49.2950, 46.2944,
84.9357

■ 71.4055, 73.6602,
89.0525

■ 40.5762, 35.6147,
83.3339

■ 84.9313, 90.5254,
91.5950

■ 33.3177, 26.8068,
82.0164

■ 91.9956, 98.7782,
92.8156

■ 27.4391, 19.7624,
80.9665

■ 22.8521, 14.3619,
80.1658

■ 19.4582, 10.4711,
79.5937

■ 17.1442, 7.9342,
79.2260

■ 15.7743, 6.5609,
79.0331

■ 15.4062, 6.2099,
78.9848

Harmonies

Analogous

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



55.4504, 58.9429, 89.5646



59.5466, 58.9429, 86.8359



62.8359, 58.9429, 77.7779

Triad

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



59.5466, 58.9429, 86.8359



60.5899, 58.9429, 47.1799



48.4895, 58.9429, 62.5461

Complementary

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



59.5466, 58.9429, 86.8359



72.8584, 80.4843, 65.1238

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.



49.7221, 58.9429, 52.2651



59.5466, 58.9429, 86.8359



56.6004, 58.9429, 44.1096

Square

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



59.5466, 58.9429, 86.8359



63.4587, 58.9429, 54.7921



52.6421, 58.9429, 45.8513



49.1929, 58.9429, 74.5806

Rectangle

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



59.5466, 58.9429, 86.8359



64.0593, 58.9429, 69.8905



52.6421, 58.9429, 45.8513



48.6894, 58.9429, 58.7871

Sweetspot

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



59.5484, 58.9453, 86.8372



87.0557, 90.0397, 107.3988



66.9459, 75.3254, 89.6090



18.4018, 18.9839, 22.9443



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.



59.5484, 58.9453, 86.8372



67.3434, 65.5930, 103.7191



64.7672, 61.6358, 87.0815



14.3823, 14.6268, 18.9875



8.6253, 3.4824, 43.9605



0.7278, 0.2995, 3.4543

Inverse Universe

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



68.8808, 63.8224, 84.2925



80.6624, 72.5553, 100.0025



67.2858, 77.6115, 64.8630



15.6406, 15.2841, 18.6587



25.5439, 12.4202, 34.9949



2.0259, 0.9833, 2.8538

Previews

White Background



This preview shows how the XYZ color 59.5466, 58.9429, 86.8359 looks on a white background.

Color Contrast Check

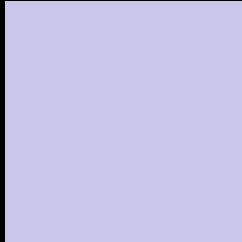
Large Text (above 18pt) WCAG AA × Fail

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 59.5466, 58.9429, 86.8359 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

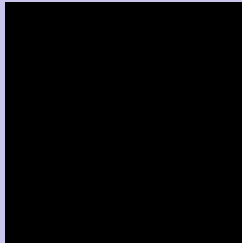
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5466, 58.9429, 86.8359

Background



This preview shows how black text looks on a background with the XYZ color 59.5466, 58.9429, 86.8359.



This preview shows how white text looks on a background with the XYZ color 59.5466, 58.9429,

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

59.5466, 58.9429, 86.8359

Protanopia

58.3003, 58.9668, 87.6659

Deuteranopia

60.1385, 58.9098, 86.7984



Tritanopia

56.9642, 58.9252, 74.0170

Trichromacy



Original Color

59.5466, 58.9429, 86.8359

Protanomaly

58.8524, 58.9087, 87.6255

Deuteranomaly

59.8635, 58.7680, 86.7855

Tritanomaly

57.9282, 58.9697, 78.8502

Monochromacy



Original Color

59.5466, 58.9429, 86.8359

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 59.5466, 58.9429, 86.8359 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(202, 198, 235)` looks like.

```
.text, #text, p{  
    color:rgb(202, 198, 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(202, 198, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 198, 235) }
```

Border

The CSS property to change the border of an element to XYZ 59.5466, 58.9429, 86.8359 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(202, 198, 235) }
```


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

```
.border{ border-color:rgb(202, 198, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 198, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 198, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 198, 235);  
box-shadow:4px 4px 4px 4px rgb(202, 198,  
235) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5466, 58.9429, 86.8359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 198, 235) }
```

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

```
.background{ background-color: rgb(202,  
198, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor