

Converting Colors

XYZ(59.6582, 58.0470, 99.3267)

Have a look what the booklet for
XYZ(59.6582, 58.0470, 99.3267)
contains.

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Color

**XYZ(59.6582, 58.0470,
99.3267)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C4FB
RGB	195, 196, 251
RGB Percent	76%, 77%, 98%
CMY	0.2353, 0.2314, 0.0157
CMYK	0.22, 0.22, 0.00, 0.02
HSL	239°, 88%, 87%
HSV	239°, 22%, 98%
XYZ	59.6582, 58.0470, 99.3267
YIQ	201.9710, -18.2510, 16.8930

Conversions

Conversions Part 2

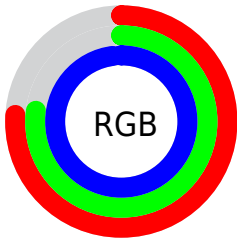
Format	Color
RYB	195, 196, 251
Decimal	12829947
CIELab	80.76, 11.01, -27.13
CIELCh	81, 29.282, 292.090
Yxy	58.0470, 0.2749, 0.2675
Android (android.graphics.Color)	4291020027 (0xFFC3C4FB)
YUV	201.9710, 24.1713, -6.1136
Hunter-Lab	76.1886, 6.4414, -23.9641

Details

The XYZ color **59.6582, 58.0470, 99.3267** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.8203, 92.8208, 65.1299**, and the grayscale version is **55.9847, 58.9002, 64.1424**.

A 20% lighter version of the original color is **93.3202, 98.1660, 108.6372**, and **30.2258, 28.8165, 55.0080** is the 20% darker color. If you saturate the color by 10%, you get **48.5990, 44.7597, 97.3458**, and if you desaturate by 10%, it is **72.7247, 73.7280, 101.6657**.

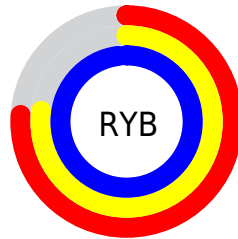
Distribution



Red (76%)

Green (77%)

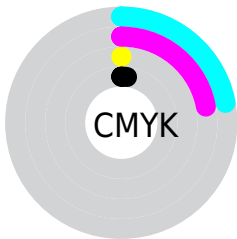
Blue (98%)



Red (76%)

Yellow (77%)

Blue (98%)

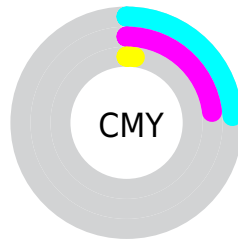


Cyan (22%)

Magenta (22%)

Yellow (0%)

Black (2%)



Cyan (24%)

Magenta (23%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.6582, 58.0470, 99.3267 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 59.6582, 58.0470, 99.3267 by changing the saturation by 10% instead.

■ 59.6582, 58.0470,
99.3267

■ 59.6582, 58.0470,
99.3267

413.1917,
417.3610, 579.2601

■ 43.3916, 41.8464,
75.1246

■ 103.4429,
101.9913, 162.2754

■ 30.3883, 28.9811,
55.2126

131.6916,
130.5038, 201.8591

■ 20.2831, 19.0665,
39.1722

164.6651,
163.8891, 247.4071

■ 12.7104, 11.7183,
26.5849

202.7288,
202.5316, 299.3379

■ 7.3051, 6.5522,
17.0320

246.2479,
246.8156, 358.0700

■ 3.7016, 3.1837,
10.0951

295.5879,

■ 1.5348, 1.2284,

297.1256, 424.0221

5.3556

351.1140,
353.8460, 497.6126

■ 0.3493, 0.0847,
2.3950

■ 0.0000, 0.0000,
0.7837

■ 59.6582, 58.0470,
99.3267

■ 59.6582, 58.0470,
99.3267

■ 48.5990, 44.7597,
97.3458

■ 72.7247, 73.7280,
101.6657

■ 39.4425, 33.7417,
95.7018

■ 87.8852, 91.9047,
104.3751

■ 32.0830, 24.8684,
94.3769

■ 94.4128, 99.7451,
105.5444

■ 26.4026, 18.0001,
93.3506

■ 22.2688, 12.9808,
92.5996

■ 19.5297, 9.6313,
92.0975

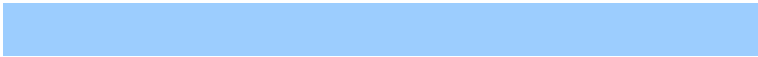
■ 18.0026, 7.7372,
91.8124

■ 17.4615, 7.0625,
91.7107

Harmonies

Analogous

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



53.5881, 58.0470, 102.2285



59.6582, 58.0470, 99.3267



64.8572, 58.0470, 85.9354

Triad

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



59.6582, 58.0470, 99.3267



62.6241, 58.0470, 40.4148



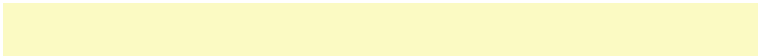
44.4441, 58.0470, 58.7331

Complementary

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



59.6582, 58.0470, 99.3267



83.8203, 92.8208, 65.1299

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.



46.5023, 58.0470, 44.8814



59.6582, 58.0470, 99.3267



56.7866, 58.0470, 35.6389

Square

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



59.6582, 58.0470, 99.3267



66.6548, 58.0470, 51.4962



50.9164, 58.0470, 37.1099



45.0900, 58.0470, 76.5625

Rectangle

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



59.6582, 58.0470, 99.3267



66.9841, 58.0470, 73.9999



50.9164, 58.0470, 37.1099



44.8371, 58.0470, 53.5115

Sweetspot

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



59.6601, 58.0493, 99.3280



83.4454, 86.0908, 106.8269



74.1239, 87.4456, 102.7046



17.6576, 18.1834, 22.8290



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.



59.6601, 58.0493, 99.3280



56.1875, 53.3805, 101.9498



66.7886, 61.3900, 99.5971



16.3079, 16.6927, 21.7478



9.1894, 3.7344, 48.2100



0.8596, 0.3628, 4.4679

Inverse Universe

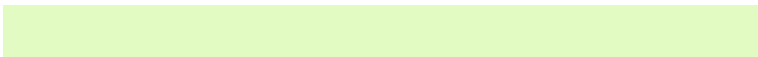
The Inverse Universe completely reimagines the original color for something new.



69.2641, 63.5267, 60.8383



67.8410, 60.0453, 55.2422



75.3586, 88.9218, 64.8232



17.2572, 17.2302, 17.9443



20.9304, 10.7879, 1.0760



1.9428, 1.0009, 0.1222

Previews

White Background



This preview shows how the XYZ color 59.6582, 58.0470, 99.3267 looks on a white background.

Color Contrast Check

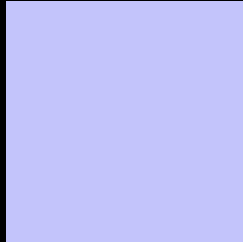
Large Text (above 18pt) WCAG AA × Fail

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 59.6582, 58.0470, 99.3267 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 59.6582, 58.0470, 99.3267

Background



This preview shows how black text looks on a background with the XYZ color 59.6582, 58.0470, 99.3267.



This preview shows how white text looks on a background with the XYZ color 59.6582, 58.0470,

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

59.6582, 58.0470, 99.3267

Protanopia

58.4172, 58.0448, 101.0534

Deuteranopia

59.4006, 57.9142, 99.3146



Tritanopia

54.7617, 58.1218, 74.6621

Trichromacy



Original Color

59.6582, 58.0470, 99.3267

Protanomaly

58.7721, 57.9079, 100.1752

Deuteranomaly

59.4006, 57.9142, 99.3146

Tritanomaly

56.4231, 58.0981, 83.1031

Monochromacy



Original Color

59.6582, 58.0470, 99.3267

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.1257, 58.6180, 76.0137

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.6582, 58.0470, 99.3267 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, 196, 251)` looks like.

```
.text, #text, p{  
    color:rgb(195, 196, 251)  
}
```

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, 196, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 251) }
```

Border

The CSS property to change the border of an element to XYZ 59.6582, 58.0470, 99.3267 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, 196, 251) }
```


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

```
.border{ border-color:rgb(195, 196, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 196, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 251);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 59.6582, 58.0470, 99.3267 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 251) }
```

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

```
.background{ background-color: rgb(195,  
196, 251) }
```

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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