

Converting Colors

XYZ(58.5283, 59.3825, 99.9308)

Have a look what the booklet for
XYZ(58.5283, 59.3825, 99.9308)
contains.

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Color

**XYZ(58.5407, 59.5204,
99.6699)**

Conversions

Conversions Part 1

Format	Color
Hex	B9CAFB
RGB	185, 202, 251
RGB Percent	73%, 79%, 98%
CMY	0.2745, 0.2078, 0.0157
CMYK	0.26, 0.20, 0.00, 0.02
HSL	225°, 89%, 85%
HSV	225°, 26%, 98%
XYZ	58.5407, 59.5204, 99.6699
YIQ	202.5030, -25.8610, 11.6350

Conversions

Conversions Part 2

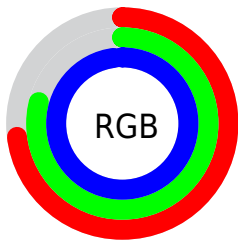
Format	Color
R_{YB}	185, 199, 251
Decimal	12176123
CIE _{Lab}	81.58, 4.82, -25.96
CIE _{LCh}	82, 26.400, 280.525
Yxy	59.5204, 0.2689, 0.2734
Android (android.graphics.Color)	4290366203 (0xFFB9CAFB)
YUV	202.5030, 23.9090, -15.3501
Hunter-Lab	77.1495, 0.4335, -22.5925

Details

The XYZ color **58.5407, 59.5204, 99.6699** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.9642, 82.8581, 57.7847**, and the grayscale version is **56.3215, 59.2546, 64.5283**.

A 20% lighter version of the original color is **90.4279, 97.6172, 108.6837**, and **29.6876, 29.9001, 55.2455** is the 20% darker color. If you saturate the color by 10%, you get **48.9004, 48.4484, 98.0419**, and if you desaturate by 10%, it is **69.7816, 72.2041, 101.5266**.

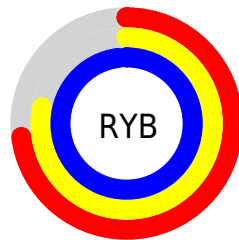
Distribution



Red (73%)

Green (79%)

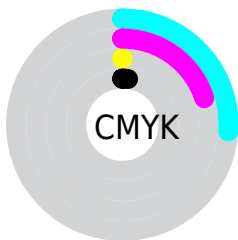
Blue (98%)



Red (73%)

Yellow (78%)

Blue (98%)

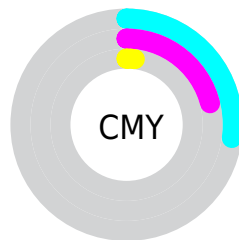


Cyan (26%)

Magenta (20%)

Yellow (0%)

Black (2%)



Cyan (27%)

Magenta (21%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5407, 59.5204, 99.6699 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 58.5407, 59.5204, 99.6699 by changing the saturation by 10% instead.

■ 58.5407, 59.5204,
99.6699

■ 58.5407, 59.5204,
99.6699

409.1192,
422.8277, 580.3715

■ 42.4884, 43.0322,
75.4095

■ 101.8283,
104.1336, 162.7514

■ 29.6767, 29.9104,
55.4447

129.7943,
133.0274, 202.4096

■ 19.7402, 19.7706,
39.3569

162.4623,
166.8252, 248.0375

■ 12.3135, 12.2284,
26.7275

200.1976,
205.9114, 300.0537

■ 7.0313, 6.8994,
17.1381

243.3656,
250.6703, 358.8766

■ 3.5282, 3.3993,
10.1700

292.3316,

■ 1.4388, 1.3436,

301.4864, 424.9248

5.4047

347.4610,
358.7441, 498.6170

■ 0.2836, 0.1746,
2.4238

■ 0.0000, 0.0000,
0.7993

■ 58.5407, 59.5204,
99.6699

■ 58.5407, 59.5204,
99.6699

■ 48.9004, 48.4484,
98.0419

■ 69.7816, 72.2041,
101.5266

■ 40.7802, 38.9146,
96.6297

■ 82.6873, 86.5548,
103.6164

■ 34.1007, 30.8500,
95.4251

■ 94.4128, 99.7451,
105.5444

■ 28.7729, 24.1774,
94.4180

■ 24.6971, 18.8119,
93.5971

■ 21.7587, 14.6578,
92.9502

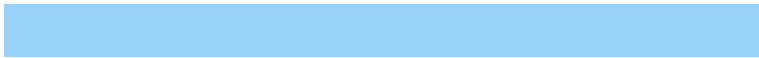
■ 19.8185, 11.6036,
92.4629

■ 19.2835, 10.7065,
92.3180

Harmonies

Analogous

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



53.0945, 59.5204, 98.0371



58.5407, 59.5204, 99.6699



63.7807, 59.5204, 90.8749

Triad

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



58.5407, 59.5204, 99.6699



65.0625, 59.5204, 46.9358



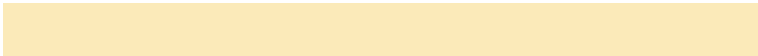
47.1114, 59.5204, 55.1587

Complementary

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



58.5407, 59.5204, 99.6699



77.9642, 82.8581, 57.7847

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.



49.9287, 59.5204, 44.2728



58.5407, 59.5204, 99.6699



60.1989, 59.5204, 40.0892

Square

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



58.5407, 59.5204, 99.6699



67.7059, 59.5204, 59.3928



54.6486, 59.5204, 39.2012



46.7316, 59.5204, 70.5419

Rectangle

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



58.5407, 59.5204, 99.6699



66.3627, 59.5204, 81.0086



54.6486, 59.5204, 39.2012



47.7956, 59.5204, 50.9248

Sweetspot

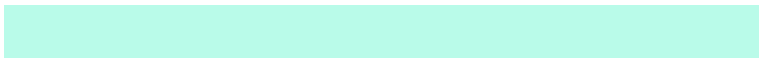
The Sweet Spot groups the original color and five complimentary colors.



58.5426, 59.5228, 99.6713



83.2964, 87.0490, 107.0197



69.2713, 85.2159, 90.1893



17.3833, 18.1383, 22.8348



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.



58.5426, 59.5228, 99.6713



54.7576, 54.9207, 102.3225



58.6895, 53.9992, 98.5974



16.6465, 17.3697, 21.8606



10.2348, 5.8252, 48.5585



1.0295, 0.7027, 4.5246

Inverse Universe

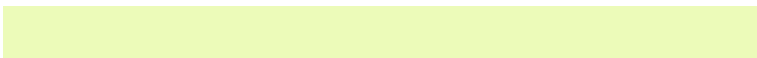
The Inverse Universe completely reimagines the original color for something new.



67.7949, 59.4731, 63.7860



66.0452, 55.2147, 58.4632



77.7148, 90.2627, 59.2271



17.4281, 17.2986, 18.8441



21.4581, 10.9990, 3.8547



2.0286, 1.0352, 0.5739

Previews

White Background



This preview shows how the XYZ color 58.5407, 59.5204, 99.6699 looks on a white background.

Color Contrast Check

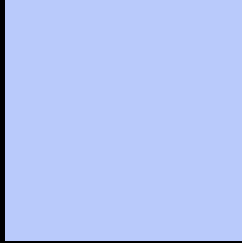
Large Text (above 18pt) WCAG AA × Fail

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 58.5407, 59.5204, 99.6699 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

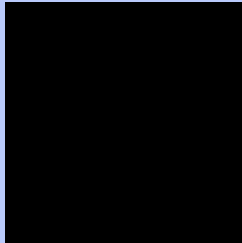
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5407, 59.5204, 99.6699

Background



This preview shows how black text looks on a background with the XYZ color 58.5407, 59.5204, 99.6699.



This preview shows how white text looks on a background with the XYZ color 58.5407, 59.5204,

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

58.5407, 59.5204, 99.6699

Protanopia

59.3955, 59.2870, 98.7555

Deuteranopia

60.7907, 59.2868, 100.3349



Tritanopia

54.2225, 59.5371, 78.4460

Trichromacy



Original Color

58.5407, 59.5204, 99.6699

Protanomaly

59.1282, 59.4942, 98.8096

Deuteranomaly

59.9864, 59.2126, 100.3630

Tritanomaly

55.5954, 59.3696, 85.6201

Monochromacy



Original Color

58.5407, 59.5204, 99.6699

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.0392, 59.6149, 76.2107

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5407, 59.5204, 99.6699 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(185, 202, 251)` looks like.

```
.text, #text, p{  
    color:rgb(185, 202, 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(185, 202, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 202, 251) }
```

Border

The CSS property to change the border of an element to XYZ 58.5407, 59.5204, 99.6699 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(185, 202, 251) }
```


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

```
.border{ border-color:rgb(185, 202, 251) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 202, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 202, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 202, 251);  
box-shadow:4px 4px 4px 4px rgb(185, 202,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5407, 59.5204, 99.6699 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 202, 251) }
```

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

```
.background{ background-color: rgb(185,  
202, 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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