

Converting Colors

XYZ(58.4579, 59.4579,
100.4911)

Have a look what the booklet for
XYZ(58.4579, 59.4579, 100.4911)
contains.

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Color

**XYZ(58.4584, 59.4597,
100.4912)**

Conversions

Conversions Part 1

Format	Color
Hex	B8CAFC
RGB	184, 202, 252
RGB Percent	72%, 79%, 99%
CMY	0.2784, 0.2078, 0.0118
CMYK	0.27, 0.20, 0.00, 0.01
HSL	224°, 92%, 85%
HSV	224°, 27%, 99%
XYZ	58.4584, 59.4597, 100.4912
YIQ	202.3180, -26.7780, 11.7340

Conversions

Conversions Part 2

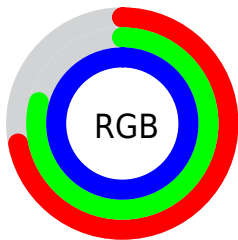
Format	Color
R_{YB}	184, 198, 252
Decimal	12110588
CIE _{Lab}	81.54, 4.77, -26.55
CIE _{LCh}	82, 26.970, 280.179
Yxy	59.4597, 0.2677, 0.2722
Android (android.graphics.Color)	4290300668 (0xFFB8CAFC)
YUV	202.3180, 24.4932, -16.0649
Hunter-Lab	77.1101, 0.3810, -23.2906

Details

The XYZ color **58.4584, 59.4597, 100.4912** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.2203, 83.0024, 57.2476**, and the grayscale version is **56.2029, 59.1298, 64.3924**.

A 20% lighter version of the original color is **90.0856, 97.4408, 108.6677**, and **29.6462, 29.8658, 55.8319** is the 20% darker color. If you saturate the color by 10%, you get **48.8616, 48.4425, 98.8715**, and if you desaturate by 10%, it is **69.6563, 72.0800, 102.3380**.

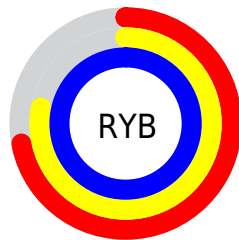
Distribution



Red (72%)

Green (79%)

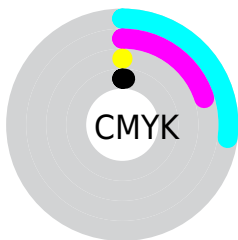
Blue (99%)



Red (72%)

Yellow (78%)

Blue (99%)

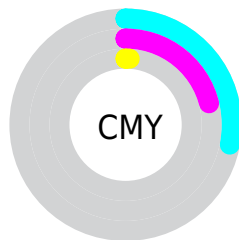


Cyan (27%)

Magenta (20%)

Yellow (0%)

Black (1%)



Cyan (28%)

Magenta (21%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4584, 59.4597, 100.4912 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 58.4584, 59.4597, 100.4912 by changing the saturation by 10% instead.

■ 58.4584, 59.4597,
100.4912

■ 58.4584, 59.4597,
100.4912

408.8183,
422.6034, 583.0265

■ 42.4220, 42.9833,
76.0917

■ 101.7092,
104.0455, 163.8898

■ 29.6244, 29.8720,
56.0006

129.6543,
132.9237, 203.7259

■ 19.7003, 19.7415,
39.7994

162.2997,
166.7045, 249.5447

■ 12.2844, 12.2072,
27.0696

200.0108,
205.7725, 301.7646

■ 7.0112, 6.8850,
17.3926

243.1528,
250.5120, 360.8042

■ 3.5155, 3.3903,
10.3499

292.0911,

■ 1.4319, 1.3387,

301.3074, 427.0820

5.5229

347.1912,
358.5430, 501.0166

■ 0.2788, 0.1709,
2.4932

■ 0.0000, 0.0000,
0.8365

■ 58.4584, 59.4597,
100.4912

■ 58.4584, 59.4597,
100.4912

■ 48.8616, 48.4425,
98.8715

■ 69.6563, 72.0800,
102.3380

■ 40.7846, 38.9549,
97.4659

■ 82.5199, 86.3585,
104.4160

■ 34.1476, 30.9284,
96.2664

■ 94.5709, 99.8083,
106.3769

■ 28.8606, 24.2857,
95.2629

■ 24.8230, 18.9420,
94.4443

■ 21.9183, 14.8016,
93.7982

■ 20.0029, 11.7512,
93.3104

■ 19.5609, 11.0084,
93.1903

Harmonies

Analogous

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



52.9065, 59.4597, 98.6855



58.4584, 59.4597, 100.4912



63.8256, 59.4597, 91.5734

Triad

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



58.4584, 59.4597, 100.4912



65.2378, 59.4597, 46.6540



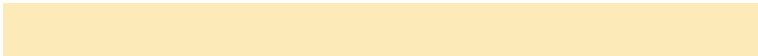
46.8885, 59.4597, 54.7439

Complementary

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



58.4584, 59.4597, 100.4912



78.2203, 83.0024, 57.2476

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.



49.7845, 59.4597, 43.7410



58.4584, 59.4597, 100.4912



60.2832, 59.4597, 39.6385

Square

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



58.4584, 59.4597, 100.4912



67.9090, 59.4597, 59.3919



54.6145, 59.4597, 38.6694



46.4720, 59.4597, 70.4031

Rectangle

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



58.4584, 59.4597, 100.4912



66.4848, 59.4597, 81.4987



54.6145, 59.4597, 38.6694



47.5947, 59.4597, 50.4548

Sweetspot

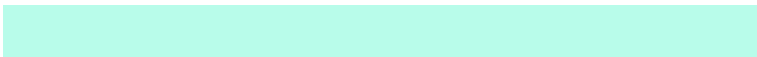
The Sweet Spot groups the original color and five complimentary colors.



58.4603, 59.4621, 100.4926



83.3392, 87.1346, 107.0339



69.4111, 85.7452, 90.6349



17.3940, 18.1597, 22.8384



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.



58.4603, 59.4621, 100.4926



54.8876, 55.1808, 102.3658



58.4966, 53.5721, 99.3538



16.6567, 17.3902, 21.8640



10.2914, 5.9384, 48.5774



1.0360, 0.7157, 4.5267

Inverse Universe

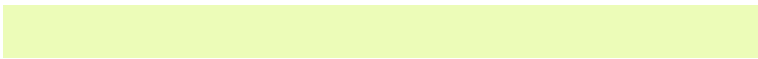
The Inverse Universe completely reimagines the original color for something new.



67.9476, 59.2425, 63.7333



66.1109, 55.2410, 58.8089



78.0998, 90.9384, 58.7858



17.4333, 17.3007, 18.8713



21.4866, 11.0104, 4.0051



2.0318, 1.0365, 0.5911

Previews

White Background



This preview shows how the XYZ color 58.4584, 59.4597, 100.4912 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 58.4584, 59.4597, 100.4912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

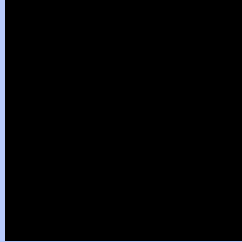
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4584, 59.4597, 100.4912

Background



This preview shows how black text looks on a background with the XYZ color 58.4584, 59.4597, 100.4912.



This preview shows how white text looks on a background with the XYZ color 58.4584, 59.4597,

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

58.4584, 59.4597, 100.4912

Protanopia

59.3021, 59.2207, 99.5720

Deuteranopia

60.6887, 59.2158, 101.1597



Tritanopia

54.1275, 59.4724, 79.1475

Trichromacy



Original Color

58.4584, 59.4597, 100.4912

Protanomaly

59.0383, 59.4297, 99.6262

Deuteranomaly

59.8913, 59.1452, 101.1881

Tritanomaly

55.5050, 59.3065, 86.3638

Monochromacy



Original Color

58.4584, 59.4597, 100.4912

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.5445, 59.0105, 76.1201

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4584, 59.4597, 100.4912 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(184, 202, 252)` looks like.

```
.text, #text, p{  
    color:rgb(184, 202, 252)  
}
```

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(184, 202, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 202, 252) }
```

Border

The CSS property to change the border of an element to XYZ 58.4584, 59.4597, 100.4912 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(184, 202, 252) }
```


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

```
.border{ border-color:rgb(184, 202, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 202, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 202, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 202, 252);  
box-shadow:4px 4px 4px 4px rgb(184, 202,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4584, 59.4597, 100.4912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 202, 252) }
```

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

```
.background{ background-color: rgb(184,  
202, 252) }
```

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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