

Converting Colors

XYZ(59.2418, 58.4586, 84.9262)

Have a look what the booklet for
XYZ(59.2418, 58.4586, 84.9262)
contains.

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Color

**XYZ(59.3028, 58.5122,
85.2592)**

Conversions

Conversions Part 1

Format	Color
Hex	CBC5E9
RGB	203, 197, 233
RGB Percent	80%, 77%, 91%
CMY	0.2039, 0.2274, 0.0863
CMYK	0.13, 0.15, 0.00, 0.09
HSL	250°, 45%, 84%
HSV	250°, 15%, 91%
XYZ	59.3028, 58.5122, 85.2592
YIQ	202.8980, -7.9800, 12.4680

Conversions

Conversions Part 2

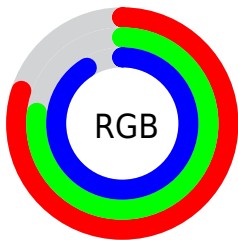
Format	Color
R _Y B	203, 197, 233
Decimal	13354473
CIE Lab	81.02, 9.05, -17.06
CIE LCh	81, 19.312, 297.940
Yxy	58.5122, 0.2920, 0.2881
Android (android.graphics.Color)	4291544553 (0xFFCBC5E9)
YUV	202.8980, 14.8403, 0.0895
Hunter-Lab	76.4933, 4.5222, -12.5392

Details

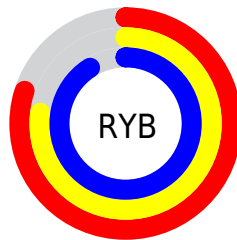
The XYZ color **59.3028, 58.5122, 85.2592** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **70.8976, 78.6415, 64.2687**, and the grayscale version is **56.6156, 59.5641, 64.8653**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **30.1527, 29.2088, 45.6436** is the 20% darker color. If you saturate the color by 10%, you get **49.4548, 46.1803, 83.3989**, and if you desaturate by 10%, it is **70.6344, 72.8258, 87.4257**.

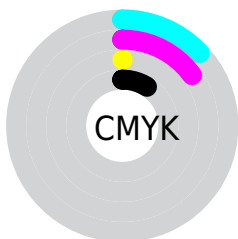
Distribution



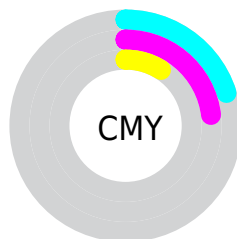
- Red (80%)
- Green (77%)
- Blue (91%)



- Red (80%)
- Yellow (77%)
- Blue (91%)



- Cyan (13%)
- Magenta (15%)
- Yellow (0%)
- Black (9%)



- Cyan (20%)
- Magenta (23%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3028, 58.5122, 85.2592 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 59.3028, 58.5122, 85.2592 by changing the saturation by 10% instead.

■ 59.3028, 58.5122,
85.2592

■ 59.3028, 58.5122,
85.2592

411.8992,
419.0918, 532.6523

■ 43.1042, 42.2206,
63.5042

102.9297,
102.6684, 142.6126

■ 30.1618, 29.2740,
45.8056

131.0888,
131.3017, 179.0481

■ 20.1101, 19.2882,
31.7449

163.9654,
164.8177, 221.2142

■ 12.5838, 11.8787,
20.9035

201.9250,
203.6008, 269.5294

■ 7.2176, 6.6612,
12.8629

245.3327,
248.0353, 324.4123

■ 3.6461, 3.2511,
7.2046

294.5541,

■ 1.5039, 1.2642,

298.5058, 386.2814

3.5100

349.9545,
355.3965, 455.5552

■ 0.3285, 0.1132,
1.3606

■ 0.0000, 0.0000,
0.1107

■ 59.3028, 58.5122,
85.2592

■ 59.3028, 58.5122,
85.2592

■ 49.4548, 46.1803,
83.3989

■ 70.6344, 72.8258,
87.4257

■ 41.0232, 35.7354,
81.8272

■ 83.5025, 89.1957,
89.9072

■ 33.9436, 27.0858,
80.5308

■ 91.7082, 98.6633,
91.3021

■ 28.1444, 20.1293,
79.4937

■ 23.5472, 14.7534,
78.6984

■ 20.0647, 10.8316,
78.1249

■ 17.5973, 8.2178,
77.7504

■ 16.0261, 6.7337,
77.5468

■ 15.5381, 6.3111,
77.4910

Harmonies

Analogous

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



55.3376, 58.5122, 88.4032



59.3028, 58.5122, 85.2592



62.4027, 58.5122, 76.1548

Triad

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



59.3028, 58.5122, 85.2592



59.8048, 58.5122, 46.7793



48.2643, 58.5122, 62.9201

Complementary

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



59.3028, 58.5122, 85.2592



70.8976, 78.6415, 64.2687

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.



49.3366, 58.5122, 52.7004



59.3028, 58.5122, 85.2592



55.8915, 58.5122, 44.1048

Square

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



59.3028, 58.5122, 85.2592



62.7022, 58.5122, 53.9202



52.0816, 58.5122, 46.1368



49.0814, 58.5122, 74.6181

Rectangle

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



59.3028, 58.5122, 85.2592



63.4941, 58.5122, 68.4321



52.0816, 58.5122, 46.1368



48.4146, 58.5122, 59.2099

Sweetspot

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



59.3046, 58.5146, 85.2605



87.3148, 90.1733, 107.4109



65.3693, 73.0221, 87.7411



18.4645, 19.0162, 22.9473



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.



59.3046, 58.5146, 85.2605



68.1675, 66.0178, 103.7576



64.3126, 61.0964, 85.4949



14.4650, 14.6695, 18.9914



8.8859, 3.6167, 43.9727



0.7670, 0.3197, 3.4562

Inverse Universe

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



67.4376, 62.8047, 81.2440



80.2213, 72.3788, 97.6797



65.6834, 75.9535, 64.0247



15.6008, 15.2682, 18.4489



24.6444, 12.0605, 30.2584



1.9638, 0.9585, 2.5268

Previews

White Background



This preview shows how the XYZ color 59.3028, 58.5122, 85.2592 looks on a white background.

Color Contrast Check

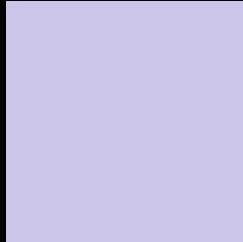
Large Text (above 18pt) WCAG AA × Fail

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 59.3028, 58.5122, 85.2592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

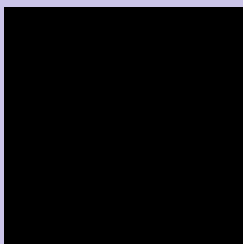
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3028, 58.5122, 85.2592

Background



This preview shows how black text looks on a background with the XYZ color 59.3028, 58.5122, 85.2592.



This preview shows how white text looks on a background with the XYZ color 59.3028, 58.5122,

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

59.3028, 58.5122, 85.2592

Protanopia

57.9245, 58.4471, 86.8257

Deuteranopia

59.6247, 58.3422, 85.2094



Tritanopia

56.8684, 58.5458, 73.2689

Trichromacy



Original Color

59.3028, 58.5122, 85.2592

Protanomaly

58.3341, 58.3344, 86.0270

Deuteranomaly

59.3497, 58.2004, 85.1965

Tritanomaly

57.6956, 58.5383, 77.3654

Monochromacy



Original Color

59.3028, 58.5122, 85.2592

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.6528, 59.3248, 72.0305

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3028, 58.5122, 85.2592 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(203, 197, 233)` looks like.

```
.text, #text, p{  
    color:rgb(203, 197, 233)  
}
```

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(203, 197, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 197, 233) }
```

Border

The CSS property to change the border of an element to XYZ 59.3028, 58.5122, 85.2592 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(203, 197, 233) }
```


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

```
.border{ border-color:rgb(203, 197, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 197, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 197, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 197, 233);  
box-shadow:4px 4px 4px 4px rgb(203, 197,  
233) }
```

Background

The CSS property to change the background color of an element to XYZ 59.3028, 58.5122, 85.2592 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 197, 233) }
```

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

```
.background{ background-color: rgb(203,  
197, 233) }
```

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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