

Converting Colors

XYZ(57.9605, 58.9261, 90.1194)

Have a look what the booklet for
XYZ(57.9605, 58.9261, 90.1194)
contains.

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Color

**XYZ(57.9525, 59.0816,
90.0108)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC9EF
RGB	191, 201, 239
RGB Percent	75%, 79%, 94%
CMY	0.2510, 0.2117, 0.0627
CMYK	0.20, 0.16, 0.00, 0.06
HSL	227°, 60%, 84%
HSV	227°, 20%, 94%
XYZ	57.9525, 59.0816, 90.0108
YIQ	202.3420, -18.1580, 9.6980

Conversions

Conversions Part 2

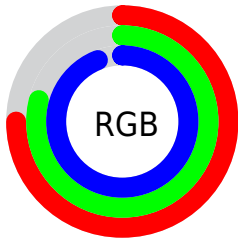
Format	Color
R_{YB}	191, 199, 239
Decimal	12569071
CIE _{Lab}	81.34, 4.43, -19.88
CIE _{LCh}	81, 20.370, 282.557
Yxy	59.0816, 0.2799, 0.2854
Android (android.graphics.Color)	4290759151 (0xFFBFC9EF)
YUV	202.3420, 18.0724, -9.9469
Hunter-Lab	76.8646, 0.0682, -15.6253

Details

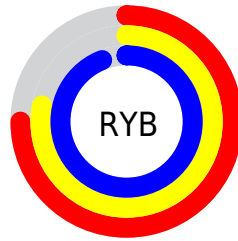
The XYZ color **57.9525, 59.0816, 90.0108** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.0206, 78.1512, 60.5279**, and the grayscale version is **56.2528, 59.1823, 64.4495**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.2975, 29.6047, 48.9699** is the 20% darker color. If you saturate the color by 10%, you get **48.2834, 47.9491, 88.3726**, and if you desaturate by 10%, it is **69.1493, 71.8111, 91.8787**.

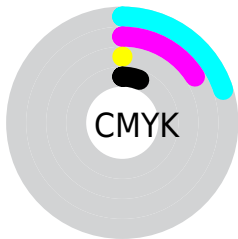
Distribution



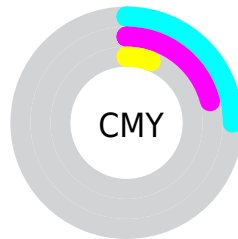
- Red (75%)
- Green (79%)
- Blue (94%)



- Red (75%)
- Yellow (78%)
- Blue (94%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (6%)



- Cyan (25%)
- Magenta (21%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9525, 59.0816, 90.0108 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 57.9525, 59.0816, 90.0108 by changing the saturation by 10% instead.

■ 57.9525, 59.0816,
90.0108

■ 57.9525, 59.0816,
90.0108

406.9656,
421.2042, 548.6370

■ 42.0136, 42.6788,
67.4158

■ 100.9770,
103.4963, 149.2890

■ 29.3031, 29.6332,
48.9589

128.7934,
132.2769, 186.8094

■ 19.4556, 19.5603,
34.2215

161.2996,
165.9523, 230.1420

■ 12.1059, 12.0759,
22.7851

198.8609,
204.9068, 279.7053

■ 6.8886, 6.7954,
14.2311

241.8429,
249.5249, 335.9179

■ 3.4382, 3.3345,
8.1410

290.6108,

■ 1.3895, 1.3087,

300.1909, 399.1984

4.0962

345.5299,
357.2892, 469.9652

■ 0.2487, 0.1480,
1.6783

■ 0.0000, 0.0000,
0.3458

■ 57.9525, 59.0816,
90.0108

■ 57.9525, 59.0816,
90.0108

■ 48.2834, 47.9491,
88.3726

■ 69.1493, 71.8111,
91.8787

■ 40.0693, 38.3424,
86.9513

■ 81.9312, 86.1904,
93.9805

■ 33.2397, 30.1959,
85.7388

■ 92.5802, 99.0121,
95.8940

■ 27.7161, 23.4359,
84.7251

■ 23.4114, 17.9822,
83.8993

■ 20.2279, 13.7458,
83.2494

■ 18.0512, 10.6254,
82.7618

■ 16.7123, 8.4962,
82.4214

Harmonies

Analogous

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



53.7390, 59.0816, 89.3659



57.9525, 59.0816, 90.0108



61.8709, 59.0816, 83.1737

Triad

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



57.9525, 59.0816, 90.0108



62.3983, 59.0816, 49.7516



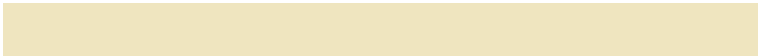
48.7078, 59.0816, 57.5605

Complementary

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



57.9525, 59.0816, 90.0108



73.0206, 78.1512, 60.5279

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.



50.8029, 59.0816, 48.5715



57.9525, 59.0816, 90.0108



58.6429, 59.0816, 44.4696

Square

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



57.9525, 59.0816, 90.0108



64.5234, 59.0816, 59.3699



54.3956, 59.0816, 44.0668



48.5439, 59.0816, 69.5585

Rectangle

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



57.9525, 59.0816, 90.0108



63.7316, 59.0816, 75.7408



54.3956, 59.0816, 44.0668



49.2045, 59.0816, 54.1267

Sweetspot

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



57.9543, 59.0840, 90.0121



85.9005, 89.7270, 107.3993



66.4407, 78.4454, 85.4771



18.1819, 18.9751, 22.9542



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.



57.9543, 59.0840, 90.0121



62.4513, 63.0718, 103.4903



59.2788, 56.4175, 89.4276



15.1641, 15.7623, 19.9648



9.3112, 4.8466, 45.5726



0.8440, 0.5420, 3.8143

Inverse Universe

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



64.7715, 59.8310, 63.3956



71.6951, 64.2377, 67.3652



71.4479, 81.5676, 61.2702



15.9075, 15.8127, 17.0692



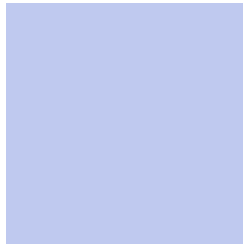
20.0255, 10.2826, 2.7848



1.7010, 0.8694, 0.4161

Previews

White Background



This preview shows how the XYZ color 57.9525, 59.0816, 90.0108 looks on a white background.

Color Contrast Check

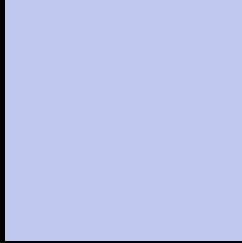
Large Text (above 18pt) WCAG AA × Fail

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 57.9525, 59.0816, 90.0108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

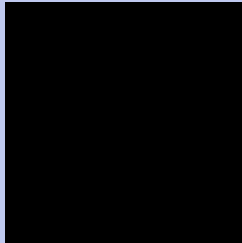
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9525, 59.0816, 90.0108

Background



This preview shows how black text looks on a background with the XYZ color 57.9525, 59.0816, 90.0108.

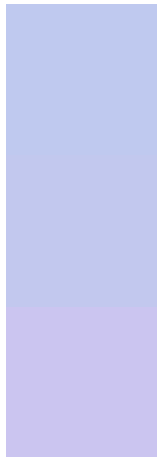


This preview shows how white text looks on a background with the XYZ color 57.9525, 59.0816,

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

57.9525, 59.0816, 90.0108

Protanopia

58.3350, 58.9509, 89.1930

Deuteranopia

60.3230, 58.9203, 90.6315



Tritanopia

55.2502, 59.0444, 76.1949

Trichromacy



Original Color

57.9525, 59.0816, 90.0108

Protanomaly

58.0792, 58.8191, 89.1810

Deuteranomaly

59.4754, 58.8216, 90.6571

Tritanomaly

56.2073, 59.0767, 81.1136

Monochromacy



Original Color

57.9525, 59.0816, 90.0108

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.6750, 59.1531, 72.7206

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9525, 59.0816, 90.0108 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(191, 201, 239)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 239)  
}
```

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(191, 201, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 239) }
```

Border

The CSS property to change the border of an element to XYZ 57.9525, 59.0816, 90.0108 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(191, 201, 239) }
```


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

```
.border{ border-color:rgb(191, 201, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 201, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 239);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9525, 59.0816, 90.0108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 239) }
```

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

```
.background{ background-color: rgb(191,  
201, 239) }
```

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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