

Converting Colors

XYZ(59.2602, 59.4109, 90.0054)

Have a look what the booklet for
XYZ(59.2602, 59.4109, 90.0054)
contains.

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Color

**XYZ(59.2602, 59.4109,
90.0054)**

Conversions

Conversions Part 1

Format	Color
Hex	C5C8EF
RGB	197, 200, 239
RGB Percent	77%, 78%, 94%
CMY	0.2274, 0.2157, 0.0627
CMYK	0.18, 0.16, 0.00, 0.06
HSL	236°, 57%, 85%
HSV	236°, 18%, 94%
XYZ	59.2602, 59.4109, 90.0054
YIQ	203.5490, -14.3070, 11.4930

Conversions

Conversions Part 2

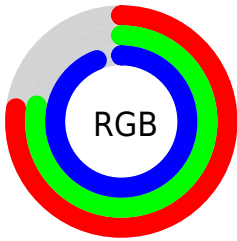
Format	Color
R_{YB}	197, 200, 239
Decimal	12962031
CIE Lab	81.52, 6.82, -19.57
CIE LCh	82, 20.721, 289.205
Yxy	59.4109, 0.2840, 0.2847
Android (android.graphics.Color)	4291152111 (0xFFC5C8EF)
YUV	203.5490, 17.4773, -5.7435
Hunter-Lab	77.0785, 2.3488, -15.2787

Details

The XYZ color **59.2602, 59.4109, 90.0054** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.6704, 82.3725, 64.7359**, and the grayscale version is **57.0113, 59.9804, 65.3186**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **30.1538, 29.8163, 48.9656** is the 20% darker color. If you saturate the color by 10%, you get **48.7195, 46.8943, 88.1460**, and if you desaturate by 10%, it is **71.5426, 73.9357, 92.1626**.

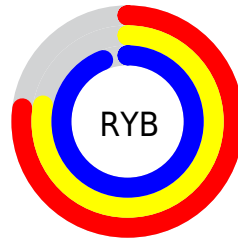
Distribution



Red (77%)

Green (78%)

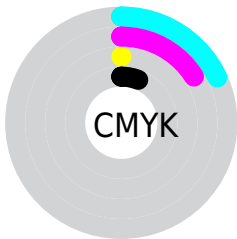
Blue (94%)



Red (77%)

Yellow (78%)

Blue (94%)

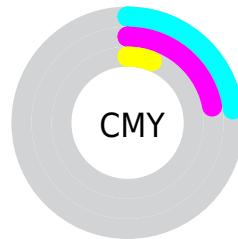


Cyan (18%)

Magenta (16%)

Yellow (0%)

Black (6%)



Cyan (23%)

Magenta (22%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2602, 59.4109, 90.0054 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 59.2602, 59.4109, 90.0054 by changing the saturation by 10% instead.

■ 59.2602, 59.4109,
90.0054

■ 59.2602, 59.4109,
90.0054

411.7441,
422.4229, 548.6190

■ 43.0698, 42.9440,
67.4114

102.8682,
103.9746, 149.2815

■ 30.1346, 29.8412,
48.9553

131.0165,
132.8402, 186.8006

■ 20.0894, 19.7181,
34.2187

163.8815,
166.6075, 230.1319

■ 12.5687, 12.1903,
22.7829

201.8285,
205.6609, 279.6938

■ 7.2072, 6.8734,
14.2295

245.2229,
250.3847, 335.9050

■ 3.6395, 3.3830,
8.1399

294.4301,

■ 1.5003, 1.3348,

301.1634, 399.1838

4.0955

349.8154,
358.3813, 469.9490

■ 0.3260, 0.1679,
1.6779

■ 0.0000, 0.0000,
0.3455

■ 59.2602, 59.4109,
90.0054

■ 59.2602, 59.4109,
90.0054

■ 48.7195, 46.8943,
88.1460

■ 71.5426, 73.9357,
92.1626

■ 39.8365, 36.2907,
86.5674

■ 85.6350, 90.5440,
94.6256

■ 32.5282, 27.5077,
85.2574

■ 92.5802, 99.0121,
95.8940

■ 26.7025, 20.4429,
84.2008

■ 22.2576, 14.9833,
83.3812

■ 19.0787, 11.0024,
82.7804

■ 17.0325, 8.3548,
82.3772

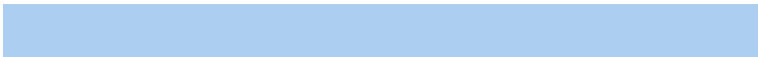
■ 15.9488, 6.8615,
82.1461

■ 15.7819, 6.6356,
82.1113

Harmonies

Analogous

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



54.9185, 59.4109, 91.1415



59.2602, 59.4109, 90.0054



63.0295, 59.4109, 81.6070

Triad

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



59.2602, 59.4109, 90.0054



62.1022, 59.4109, 48.2185



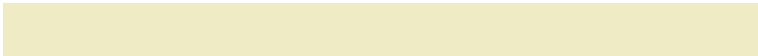
48.6556, 59.4109, 60.3113

Complementary

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



59.2602, 59.4109, 90.0054



75.6704, 82.3725, 64.7359

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.



50.3790, 59.4109, 50.2863



59.2602, 59.4109, 90.0054



58.0469, 59.4109, 43.9237

Square

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



59.2602, 59.4109, 90.0054



64.7276, 59.4109, 57.1354



53.7655, 59.4109, 44.6288



48.9432, 59.4109, 72.8792

Rectangle

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



59.2602, 59.4109, 90.0054



64.6408, 59.4109, 73.5566



53.7655, 59.4109, 44.6288



49.0153, 59.4109, 56.5632

Sweetspot

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



59.2620, 59.4133, 90.0067



86.8527, 90.3394, 107.4674



68.9613, 79.6315, 90.7133



18.3527, 19.0563, 22.9609



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.



59.2620, 59.4133, 90.0067



64.1564, 63.4957, 103.4822



63.4252, 60.5374, 90.0043



14.9880, 15.4101, 19.9061



8.7554, 3.7350, 45.3873



0.7598, 0.3736, 3.7863

Inverse Universe

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



65.9896, 62.4548, 63.2233



73.2847, 67.6646, 67.1318



70.9169, 81.2160, 64.7632



15.8186, 15.7772, 16.6012



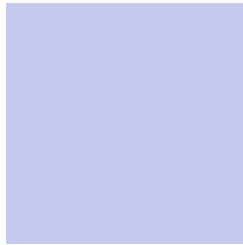
19.7449, 10.1704, 1.3074



1.6585, 0.8524, 0.1923

Previews

White Background



This preview shows how the XYZ color 59.2602, 59.4109, 90.0054 looks on a white background.

Color Contrast Check

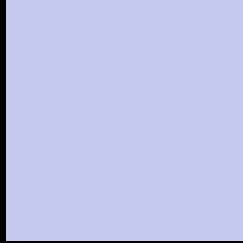
Large Text (above 18pt) WCAG AA × Fail

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 59.2602, 59.4109, 90.0054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

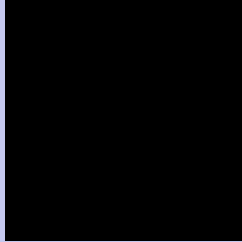
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2602, 59.4109, 90.0054

Background



This preview shows how black text looks on a background with the XYZ color 59.2602, 59.4109, 90.0054.



This preview shows how white text looks on a background with the XYZ color 59.2602, 59.4109,

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

59.2602, 59.4109, 90.0054

Protanopia

58.9723, 59.6074, 90.0586

Deuteranopia

60.6759, 59.4575, 89.9398



Tritanopia

56.1344, 59.1638, 75.4790

Trichromacy



Original Color

59.2602, 59.4109, 90.0054

Protanomaly

59.2316, 59.7410, 90.0707

Deuteranomaly

60.0908, 59.4964, 89.9782

Tritanomaly

57.0961, 59.2014, 80.3692

Monochromacy



Original Color

59.2602, 59.4109, 90.0054

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

57.9677, 60.1391, 74.1984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2602, 59.4109, 90.0054 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(197, 200, 239)` looks like.

```
.text, #text, p{  
    color:rgb(197, 200, 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(197, 200, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 200, 239) }
```

Border

The CSS property to change the border of an element to XYZ 59.2602, 59.4109, 90.0054 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(197, 200, 239) }
```


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

```
.border{ border-color:rgb(197, 200, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 200, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 200, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 200, 239);  
box-shadow:4px 4px 4px 4px rgb(197, 200,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2602, 59.4109, 90.0054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 200, 239) }
```

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

```
.background{ background-color: rgb(197,  
200, 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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