

Converting Colors

XYZ(59.2149, 58.3542, 89.4754)

Have a look what the booklet for
XYZ(59.2149, 58.3542, 89.4754)
contains.

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Color

**XYZ(59.3657, 58.4439,
89.8132)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C5EF
RGB	200, 197, 239
RGB Percent	78%, 77%, 94%
CMY	0.2157, 0.2274, 0.0627
CMYK	0.16, 0.18, 0.00, 0.06
HSL	244°, 57%, 85%
HSV	244°, 18%, 94%
XYZ	59.3657, 58.4439, 89.8132
YIQ	202.6850, -11.6940, 13.6980

Conversions

Conversions Part 2

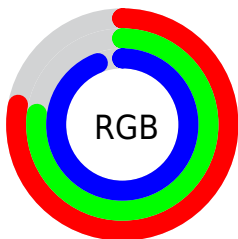
Format	Color
R _Y B	200, 197, 239
Decimal	13157871
CIE Lab	80.98, 9.36, -20.35
CIE LCh	81, 22.402, 294.704
Yxy	58.4439, 0.2859, 0.2815
Android (android.graphics.Color)	4291347951 (0xFFC8C5EF)
YUV	202.6850, 17.9033, -2.3547
Hunter-Lab	76.4486, 4.8280, -16.1409

Details

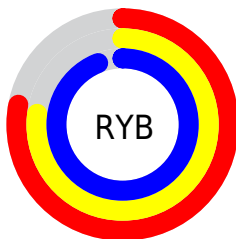
The XYZ color **59.3657, 58.4439, 89.8132** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.5385, 83.5985, 64.9808**, and the grayscale version is **56.4654, 59.4060, 64.6931**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **30.2238, 29.1748, 48.8381** is the 20% darker color. If you saturate the color by 10%, you get **48.8599, 45.6016, 87.8890**, and if you desaturate by 10%, it is **71.5958, 73.4552, 92.0670**.

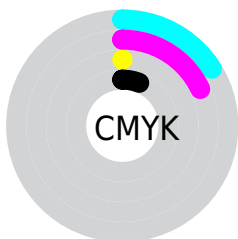
Distribution



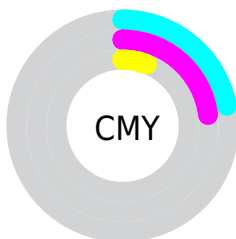
- Red (78%)
- Green (77%)
- Blue (94%)



- Red (78%)
- Yellow (77%)
- Blue (94%)



- Cyan (16%)
- Magenta (18%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (23%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.3657, 58.4439, 89.8132 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 59.3657, 58.4439, 89.8132 by changing the saturation by 10% instead.

■ 59.3657, 58.4439,
89.8132

■ 59.3657, 58.4439,
89.8132

412.1281,
418.8380, 547.9774

■ 43.1551, 42.1656,
67.2529

103.0206,
102.5690, 149.0121

■ 30.2019, 29.2310,
48.8273

131.1955,
131.1846, 186.4879

■ 20.1407, 19.2556,
34.1178

164.0893,
164.6815, 229.7724

■ 12.6062, 11.8551,
22.7061

202.0673,
203.4439, 279.2844

■ 7.2331, 6.6451,
14.1734

245.4948,
247.8564, 335.4424

■ 3.6559, 3.2412,
8.1012

294.7372,

■ 1.5094, 1.2589,

298.3033, 398.6649

4.0711

350.1599,
355.1690, 469.3704

■ 0.3322, 0.1090,
1.6644

■ 0.0000, 0.0000,
0.3362

■ 59.3657, 58.4439,
89.8132

■ 59.3657, 58.4439,
89.8132

■ 48.8599, 45.6016,
87.8890

■ 71.5958, 73.4552,
92.0670

■ 39.9958, 34.8212,
86.2754

■ 85.6174, 90.7218,
94.6608

■ 32.6918, 25.9973,
84.9572

■ 92.5802, 99.0121,
95.8940

■ 26.8573, 19.0123,
83.9165

■ 22.3924, 13.7361,
83.1334

■ 19.1847, 10.0213,
82.5854

■ 17.1036, 7.6955,
82.2462

■ 15.9841, 6.5338,
82.0809

■ 15.8124, 6.3518,
82.0549

Harmonies

Analogous

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



54.7290, 58.4439, 92.6505



59.3657, 58.4439, 89.8132



63.1614, 58.4439, 79.5865

Triad

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



59.3657, 58.4439, 89.8132



60.8705, 58.4439, 44.9603



47.1230, 58.4439, 61.3040

Complementary

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



59.3657, 58.4439, 89.8132



75.5385, 83.5985, 64.9808

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.



48.5745, 58.4439, 49.9722



59.3657, 58.4439, 89.8132



56.3775, 58.4439, 41.4149

Square

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



59.3657, 58.4439, 89.8132



64.0636, 58.4439, 53.5337



51.8998, 58.4439, 43.1136



47.8247, 58.4439, 74.9342

Rectangle

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



59.3657, 58.4439, 89.8132



64.6161, 58.4439, 70.6236



51.8998, 58.4439, 43.1136



47.3727, 58.4439, 57.1242

Sweetspot

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



59.3675, 58.4463, 89.8145



86.8941, 89.9564, 107.3913



68.6608, 78.2099, 93.1395



18.3627, 18.9637, 22.9425



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.



59.3675, 58.4463, 89.8145



64.2939, 62.2214, 103.2290



65.3061, 61.5078, 90.0924



15.0018, 15.2826, 19.8808



8.7774, 3.5303, 45.3467



0.7664, 0.3123, 3.7741

Inverse Universe

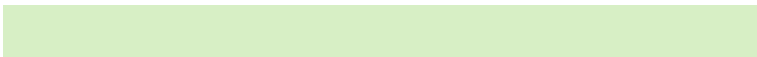
The Inverse Universe completely reimagines the original color for something new.



70.7050, 64.3418, 88.0519



79.6723, 70.2196, 100.7679



69.0294, 80.2429, 64.6762



16.4027, 16.0108, 19.6769



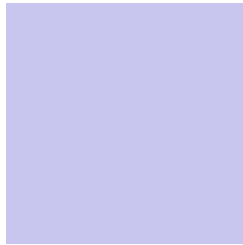
26.9739, 13.0620, 39.3749



2.2585, 1.0924, 3.3519

Previews

White Background



This preview shows how the XYZ color 59.3657, 58.4439, 89.8132 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 59.3657, 58.4439, 89.8132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

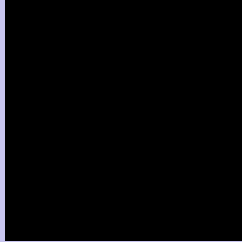
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.3657, 58.4439, 89.8132

Background



This preview shows how black text looks on a background with the XYZ color 59.3657, 58.4439, 89.8132.



This preview shows how white text looks on a background with the XYZ color 59.3657, 58.4439,

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

59.3657, 58.4439, 89.8132

Protanopia

57.8898, 58.3446, 90.6486

Deuteranopia

59.6770, 58.2684, 89.7630



Tritanopia

56.1760, 58.5188, 73.9801

Trichromacy



Original Color

59.3657, 58.4439, 89.8132

Protanomaly

58.4279, 58.2815, 90.6081

Deuteranomaly

59.4073, 58.1294, 89.7503

Tritanomaly

57.2708, 58.6151, 79.5295

Monochromacy



Original Color

59.3657, 58.4439, 89.8132

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.6384, 59.2877, 73.3715

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.3657, 58.4439, 89.8132 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(200, 197, 239)` looks like.

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

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

Border

The CSS property to change the border of an element to XYZ 59.3657, 58.4439, 89.8132 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(200, 197, 239) }
```


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

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

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

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

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

Background

The CSS property to change the background color of an element to XYZ 59.3657, 58.4439, 89.8132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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