

Converting Colors

XYZ(57.2386, 58.0260, 89.8447)

Have a look what the booklet for
XYZ(57.2386, 58.0260, 89.8447)
contains.

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Color

**XYZ(57.2386, 58.0260,
89.8447)**

Conversions

Conversions Part 1

Format	Color
Hex	BEC7EF
RGB	190, 199, 239
RGB Percent	75%, 78%, 94%
CMY	0.2549, 0.2196, 0.0627
CMYK	0.21, 0.17, 0.00, 0.06
HSL	229°, 60%, 84%
HSV	229°, 21%, 94%
XYZ	57.2386, 58.0260, 89.8447
YIQ	200.8690, -18.2040, 10.5320

Conversions

Conversions Part 2

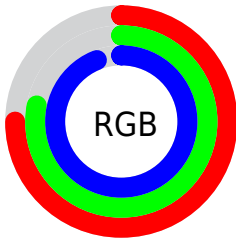
Format	Color
R_{YB}	190, 198, 239
Decimal	12503023
CIE Lab	80.75, 5.19, -20.77
CIE LCh	81, 21.413, 284.039
Yxy	58.0260, 0.2791, 0.2829
Android (android.graphics.Color)	4290693103 (0xFFBEC7EF)
YUV	200.8690, 18.7986, -9.5321
Hunter-Lab	76.1748, 0.8210, -16.6075

Details

The XYZ color **57.2386, 58.0260, 89.8447** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.1882, 78.6621, 60.0425**, and the grayscale version is **55.3331, 58.2147, 63.3958**.

A 20% lighter version of the original color is **92.1678, 98.5142, 108.7651**, and **28.8260, 28.9039, 48.8595** is the 20% darker color. If you saturate the color by 10%, you get **47.5470, 46.7891, 88.1875**, and if you desaturate by 10%, it is **68.4881, 70.9232, 91.7421**.

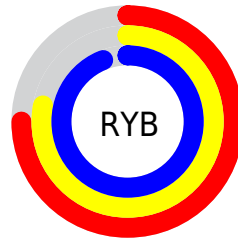
Distribution



Red (75%)

Green (78%)

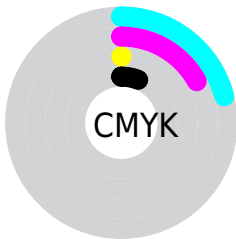
Blue (94%)



Red (75%)

Yellow (78%)

Blue (94%)

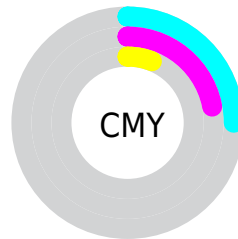


Cyan (21%)

Magenta (17%)

Yellow (0%)

Black (6%)



Cyan (25%)

Magenta (22%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.2386, 58.0260, 89.8447 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 57.2386, 58.0260, 89.8447 by changing the saturation by 10% instead.

■ 57.2386, 58.0260,
89.8447

■ 57.2386, 58.0260,
89.8447

404.3425,
417.2828, 548.0826

■ 41.4377, 41.8296,
67.2789

■ 99.9426, 101.9607,
149.0563

■ 28.8504, 28.9678,
48.8483

127.5764,
130.4678, 186.5391

■ 19.1114, 19.0565,
34.1344

159.8853,
163.8472, 229.8314

■ 11.8553, 11.7111,
22.7187

197.2346,
202.4833, 279.3515

■ 6.7167, 6.5473,
14.1826

239.9895,
246.7605, 335.5182

■ 3.3303, 3.1806,
8.1075

288.5156,

■ 1.3308, 1.2267,

297.0632, 398.7499

4.0751

343.1782,
353.7759, 469.4652

■ 0.2061, 0.0834,
1.6666

■ 0.0000, 0.0000,
0.3377

■ 57.2386, 58.0260,
89.8447

■ 57.2386, 58.0260,
89.8447

■ 47.5470, 46.7891,
88.1875

■ 68.4881, 70.9232,
91.7421

■ 39.3386, 37.1374,
86.7572

■ 81.3551, 85.5375,
93.8848

■ 32.5403, 29.0005,
85.5449

■ 92.5802, 99.0121,
95.8941

■ 27.0710, 22.2998,
84.5398

■ 22.8406, 16.9494,
83.7300

■ 19.7476, 12.8538,
83.1025

■ 17.6733, 9.9039,
82.6425

■ 16.4774, 8.0266,
82.3431

Harmonies

Analogous

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



52.8488, 58.0260, 89.5780



57.2386, 58.0260, 89.8447



61.2708, 58.0260, 82.3337

Triad

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



57.2386, 58.0260, 89.8447



61.4871, 58.0260, 47.7318



47.3808, 58.0260, 56.7237

Complementary

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



57.2386, 58.0260, 89.8447



73.1882, 78.6621, 60.0425

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.



49.4547, 58.0260, 47.2549



57.2386, 58.0260, 89.8447



57.5211, 58.0260, 42.5567

Square

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



57.2386, 58.0260, 89.8447



63.8108, 58.0260, 57.4602



53.1167, 58.0260, 42.3946



47.3142, 58.0260, 69.2683

Rectangle

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



57.2386, 58.0260, 89.8447



63.1480, 58.0260, 74.4406



53.1167, 58.0260, 42.3946



47.8611, 58.0260, 53.1173

Sweetspot

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



57.2404, 58.0284, 89.8460



85.7878, 89.5016, 107.3618



66.2737, 78.3496, 85.9063



18.1553, 18.9219, 22.9454



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.



57.2404, 58.0284, 89.8460



60.9457, 61.0227, 103.1741



59.0889, 55.9969, 89.3565



15.1321, 15.6984, 19.9542



9.1742, 4.5726, 45.5269



0.8281, 0.5102, 3.8091

Inverse Universe

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



64.3203, 59.3026, 62.0920



70.7003, 62.9407, 64.8985



70.9954, 81.3471, 60.6763



15.8914, 15.8063, 16.9843



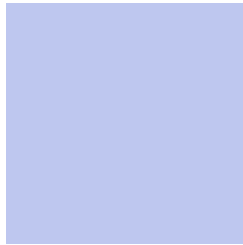
19.9563, 10.2550, 2.4206



1.6929, 0.8662, 0.3739

Previews

White Background



This preview shows how the XYZ color 57.2386, 58.0260, 89.8447 looks on a white background.

Color Contrast Check

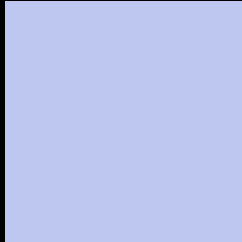
Large Text (above 18pt) WCAG AA × Fail

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 57.2386, 58.0260, 89.8447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

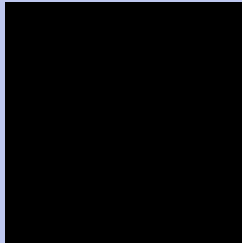
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.2386, 58.0260, 89.8447

Background



This preview shows how black text looks on a background with the XYZ color 57.2386, 58.0260, 89.8447.



This preview shows how white text looks on a background with the XYZ color 57.2386, 58.0260,

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

57.2386, 58.0260, 89.8447

Protanopia

57.5123, 57.8266, 89.7918

Deuteranopia

59.2875, 58.0505, 90.5182



Tritanopia

54.3918, 58.2654, 75.3974

Trichromacy



Original Color

57.2386, 58.0260, 89.8447

Protanomaly

57.2599, 57.6965, 89.7800

Deuteranomaly

58.4594, 57.9595, 90.5442

Tritanomaly

55.3415, 58.2968, 80.2871

Monochromacy



Original Color

57.2386, 58.0260, 89.8447

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

55.9460, 58.0852, 72.5529

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.2386, 58.0260, 89.8447 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(190, 199, 239)` looks like.

```
.text, #text, p{  
    color:rgb(190, 199, 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(190, 199, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 199, 239) }
```

Border

The CSS property to change the border of an element to XYZ 57.2386, 58.0260, 89.8447 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(190, 199, 239) }
```


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

```
.border{ border-color:rgb(190, 199, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 199, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 199, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 199, 239);  
box-shadow:4px 4px 4px 4px rgb(190, 199,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 57.2386, 58.0260, 89.8447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 199, 239) }
```

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

```
.background{ background-color: rgb(190,  
199, 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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