

Converting Colors

XYZ(57.6158, 56.3450, 89.6403)

Have a look what the booklet for
XYZ(57.6158, 56.3450, 89.6403)
contains.

XYZ(57.4149, 56.1077, 89.4651)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.4149, 56.1077,
89.4651)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C1EF
RGB	196, 193, 239
RGB Percent	77%, 76%, 94%
CMY	0.2314, 0.2431, 0.0627
CMYK	0.18, 0.19, 0.00, 0.06
HSL	244°, 59%, 85%
HSV	244°, 19%, 94%
XYZ	57.4149, 56.1077, 89.4651
YIQ	199.1410, -12.9780, 14.9420

Conversions

Conversions Part 2

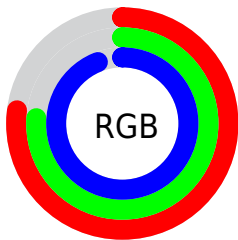
Format	Color
RYB	196, 193, 239
Decimal	12894703
CIELab	79.68, 10.27, -22.37
CIELCh	80, 24.615, 294.672
Yxy	56.1077, 0.2828, 0.2764
Android (android.graphics.Color)	4291084783 (0xFFC4C1EF)
YUV	199.1410, 19.6505, -2.7547
Hunter-Lab	74.9051, 5.7368, -18.3812

Details

The XYZ color **57.4149, 56.1077, 89.4651** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **75.0860, 83.4175, 62.5984**, and the grayscale version is **54.2630, 57.0889, 62.1699**.

A 20% lighter version of the original color is **92.4337, 95.8540, 108.2376**, and **29.0807, 27.9258, 48.6573** is the 20% darker color. If you saturate the color by 10%, you get **47.1675, 43.6065, 87.5931**, and if you desaturate by 10%, it is **69.3850, 70.7672, 91.6647**.

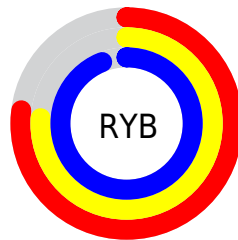
Distribution



Red (77%)

Green (76%)

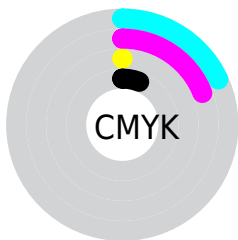
Blue (94%)



Red (77%)

Yellow (76%)

Blue (94%)

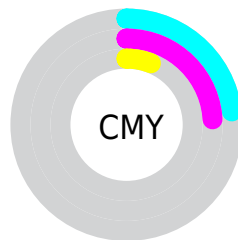


Cyan (18%)

Magenta (19%)

Yellow (0%)

Black (6%)



Cyan (23%)

Magenta (24%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.4149, 56.1077, 89.4651 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 57.4149, 56.1077, 89.4651 by changing the saturation by 10% instead.

■ 57.4149, 56.1077,
89.4651

■ 57.4149, 56.1077,
89.4651

404.9913,
410.0972, 546.8144

■ 41.5799, 40.2893,
66.9659

■ 100.1982, 99.1620,
148.5242

■ 28.9621, 27.7642,
48.5955

127.8772,
127.1667, 185.9211

■ 19.1963, 18.1480,
33.9354

160.2349,
160.0023, 229.1211

■ 11.9171, 11.0563,
22.5670

197.6366,
198.0532, 278.5425

■ 6.7590, 6.1047,
14.0718

240.4478,
241.7037, 334.6041

■ 3.3568, 2.9088,
8.0313

289.0337,

■ 1.3452, 1.0843,

291.3383, 397.7242

4.0269

343.7597,
347.3413, 468.3215

■ 0.2166, 0.0000,
1.6401

■ 0.0000, 0.0000,
0.3192

■ 57.4149, 56.1077,
89.4651

■ 57.4149, 56.1077,
89.4651

■ 47.1675, 43.6065,
87.5931

■ 69.3850, 70.7672,
91.6647

■ 38.5583, 33.1551,
86.0296

■ 83.1465, 87.6728,
94.2025

■ 31.5041, 24.6460,
84.7589

■ 92.5802, 99.0121,
95.8940

■ 25.9117, 17.9594,
83.7630

■ 21.6782, 12.9619,
83.0216

■ 18.6873, 9.5020,
82.5114

■ 16.8029, 7.4011,
82.2052

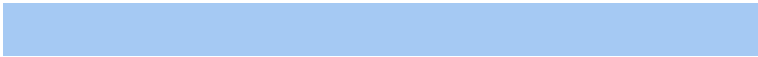
■ 15.8356, 6.3928,
82.0615

■ 15.7867, 6.3385,
82.0536

Harmonies

Analogous

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



52.4470, 56.1077, 92.5675



57.4149, 56.1077, 89.4651



61.5049, 56.1077, 78.3095

Triad

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



57.4149, 56.1077, 89.4651



59.0432, 56.1077, 41.3858



44.3747, 56.1077, 58.5875

Complementary

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



57.4149, 56.1077, 89.4651



75.0860, 83.4175, 62.5984

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.



45.9112, 56.1077, 46.6031



57.4149, 56.1077, 89.4651



54.2202, 56.1077, 37.7072

Square

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



57.4149, 56.1077, 89.4651



62.4852, 56.1077, 50.3722



49.4411, 56.1077, 39.4579



45.1135, 56.1077, 73.2334

Rectangle

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



57.4149, 56.1077, 89.4651



63.0784, 56.1077, 68.6097



49.4411, 56.1077, 39.4579



44.6392, 56.1077, 54.1441

Sweetspot

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



57.4167, 56.1100, 89.4664



85.2942, 88.0112, 107.1001



67.7714, 77.9656, 93.1392



18.0391, 18.5711, 22.8838



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.



57.4167, 56.1100, 89.4664



61.7346, 59.1611, 102.7732



63.6551, 59.3260, 89.7583



14.9926, 15.2779, 19.8803



8.7610, 3.5219, 45.3459



0.7620, 0.3101, 3.7739

Inverse Universe

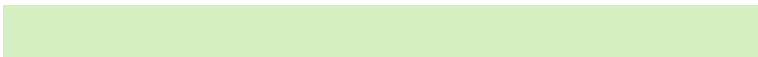
The Inverse Universe completely reimagines the original color for something new.



69.8087, 62.5491, 87.7531



78.4995, 67.8742, 100.3769



68.1379, 79.8356, 62.2732



16.4072, 16.0126, 19.7004



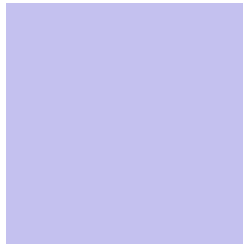
27.0826, 13.1055, 39.9473



2.2664, 1.0956, 3.3934

Previews

White Background



This preview shows how the XYZ color 57.4149, 56.1077, 89.4651 looks on a white background.

Color Contrast Check

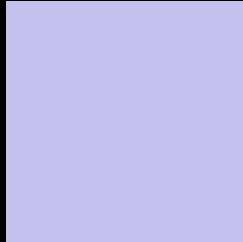
Large Text (above 18pt) WCAG AA × Fail

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 57.4149, 56.1077, 89.4651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

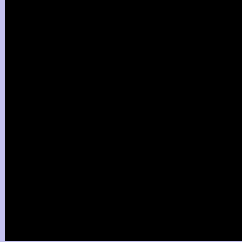
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4149, 56.1077, 89.4651

Background



This preview shows how black text looks on a background with the XYZ color 57.4149, 56.1077, 89.4651.



This preview shows how white text looks on a background with the XYZ color 57.4149, 56.1077,

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

57.4149, 56.1077, 89.4651

Protanopia

56.1106, 56.3955, 91.1472

Deuteranopia

57.4149, 56.1077, 89.4651



Tritanopia

53.6902, 56.2686, 70.9819

Trichromacy



Original Color

57.4149, 56.1077, 89.4651

Protanomaly

56.4785, 56.2686, 90.3223

Deuteranomaly

57.4149, 56.1077, 89.4651

Tritanomaly

54.9171, 56.0912, 77.0395

Monochromacy



Original Color

57.4149, 56.1077, 89.4651

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.3926, 56.7933, 71.6610

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4149, 56.1077, 89.4651 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(196, 193, 239)` looks like.

```
.text, #text, p{  
    color:rgb(196, 193, 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(196, 193, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 193, 239) }
```

Border

The CSS property to change the border of an element to XYZ 57.4149, 56.1077, 89.4651 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(196, 193, 239) }
```


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

```
.border{ border-color:rgb(196, 193, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 193, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 193, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 193, 239);  
box-shadow:4px 4px 4px 4px rgb(196, 193,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4149, 56.1077, 89.4651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 193, 239) }
```

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

```
.background{ background-color: rgb(196,  
193, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor