

Converting Colors

XYZ(57.9653, 55.9743, 89.9539)

Have a look what the booklet for
XYZ(57.9653, 55.9743, 89.9539)
contains.

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Color

**XYZ(58.1310, 56.1327,
90.2089)**

Conversions

Conversions Part 1

Format	Color
Hex	C7C0F0
RGB	199, 192, 240
RGB Percent	78%, 75%, 94%
CMY	0.2196, 0.2470, 0.0588
CMYK	0.17, 0.20, 0.00, 0.06
HSL	249°, 62%, 85%
HSV	249°, 20%, 94%
XYZ	58.1310, 56.1327, 90.2089
YIQ	199.5650, -11.2360, 16.4120

Conversions

Conversions Part 2

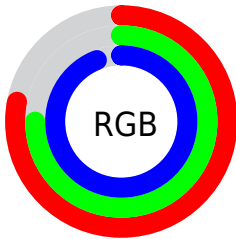
Format	Color
RYB	199, 192, 240
Decimal	13091056
CIELab	79.69, 11.96, -22.86
CIELCh	80, 25.802, 297.624
Yxy	56.1327, 0.2843, 0.2745
Android (android.graphics.Color)	4291281136 (0xFFC7C0F0)
YUV	199.5650, 19.9345, -0.4955
Hunter-Lab	74.9218, 7.3832, -18.9424

Details

The XYZ color **58.1310, 56.1327, 90.2089** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **74.2807, 83.4510, 62.0644**, and the grayscale version is **54.5202, 57.3595, 62.4645**.

A 20% lighter version of the original color is **92.8574, 95.6148, 108.1691**, and **29.5614, 27.9457, 49.1834** is the 20% darker color. If you saturate the color by 10%, you get **48.2071, 43.8226, 88.3568**, and if you desaturate by 10%, it is **69.6504, 70.5437, 92.3843**.

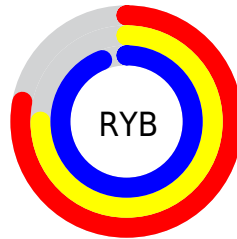
Distribution



Red (78%)

Green (75%)

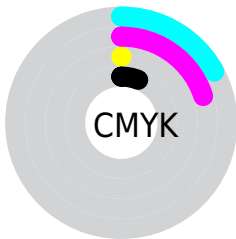
Blue (94%)



Red (78%)

Yellow (75%)

Blue (94%)

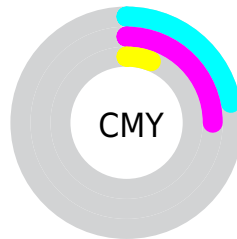


Cyan (17%)

Magenta (20%)

Yellow (0%)

Black (6%)



Cyan (22%)

Magenta (25%)

Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1310, 56.1327, 90.2089 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 58.1310, 56.1327, 90.2089 by changing the saturation by 10% instead.

■ 58.1310, 56.1327,
90.2089

■ 58.1310, 56.1327,
90.2089

407.6199,
410.1914, 549.2978

■ 42.1576, 40.3093,
67.5792

■ 101.2355, 99.1986,
149.5666

■ 29.4164, 27.7798,
49.0909

129.0973,
127.2099, 187.1317

■ 19.5419, 18.1597,
34.3255

161.6527,
160.0526, 230.5123

■ 12.1688, 11.0647,
22.8644

199.2669,
198.1111, 280.1271

■ 6.9318, 6.1104,
14.2891

242.3054,
241.7699, 336.3944

■ 3.4654, 2.9123,
8.1809

291.1335,

■ 1.4044, 1.0861,

291.4132, 399.7330

4.1215

346.1165,
347.4256, 470.5613

■ 0.2594, 0.0000,
1.6922

■ 0.0000, 0.0000,
0.3554

■ 58.1310, 56.1327,
90.2089

■ 58.1310, 56.1327,
90.2089

■ 48.2071, 43.8226,
88.3568

■ 69.6504, 70.5437,
92.3843

■ 39.8029, 33.5083,
86.8089

■ 82.8264, 87.1403,
94.8933

■ 32.8439, 25.0860,
85.5500

■ 92.7283, 99.0713,
96.6743

■ 27.2475, 18.4396,
84.5620

■ 22.9224, 13.4405,
83.8251

■ 19.7657, 9.9419,
83.3162

■ 17.6579, 7.7711,
83.0082

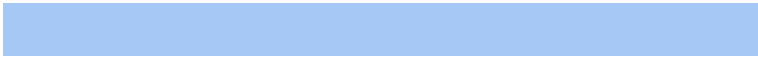
■ 16.4213, 6.6487,
82.8568

■ 16.4212, 6.6485,
82.8567

Harmonies

Analogous

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



52.9385, 56.1327, 94.4801



58.1310, 56.1327, 90.2089



62.2633, 56.1327, 77.7957

Triad

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



58.1310, 56.1327, 90.2089



58.8956, 56.1327, 39.9588



43.9606, 56.1327, 59.9379

Complementary

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



58.1310, 56.1327, 90.2089



74.2807, 83.4510, 62.0644

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.



45.3351, 56.1327, 47.0140



58.1310, 56.1327, 90.2089



53.7686, 56.1327, 36.7117

Square

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



58.1310, 56.1327, 90.2089



62.7246, 56.1327, 48.7638



48.8432, 56.1327, 39.0700



44.9637, 56.1327, 75.4025

Rectangle

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



58.1310, 56.1327, 90.2089



63.7422, 56.1327, 67.4731



48.8432, 56.1327, 39.0700



44.1578, 56.1327, 55.1768

Sweetspot

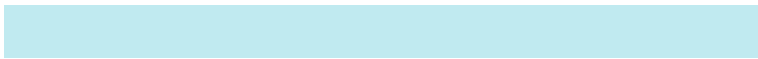
The Sweet Spot groups the original color and five complimentary colors.



58.1328, 56.1350, 90.2102



85.7160, 88.2287, 107.1199



66.7772, 76.1174, 93.6115



18.1384, 18.6223, 22.8884



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.



58.1328, 56.1350, 90.2102



61.8505, 58.3722, 102.6148



64.8266, 59.5858, 90.5234



15.1117, 15.3393, 19.8859



9.0557, 3.6738, 45.3597



0.8186, 0.3393, 3.7766

Inverse Universe

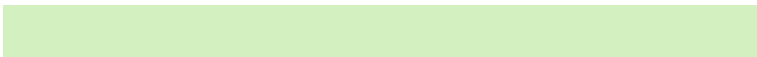
The Inverse Universe completely reimagines the original color for something new.



69.4946, 62.1101, 85.4189



77.1337, 66.4132, 96.0045



67.1409, 79.7703, 61.7303



16.3494, 15.9895, 19.3961



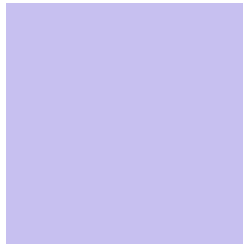
25.7429, 12.5696, 32.8922



2.1683, 1.0564, 2.8774

Previews

White Background



This preview shows how the XYZ color 58.1310, 56.1327, 90.2089 looks on a white background.

Color Contrast Check

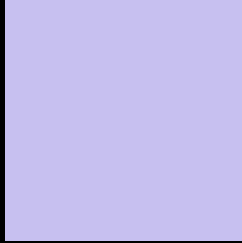
Large Text (above 18pt) WCAG AA × Fail

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 58.1310, 56.1327, 90.2089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

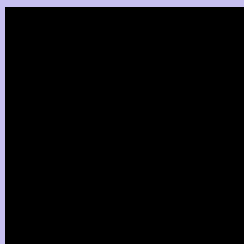
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.1310, 56.1327, 90.2089

Background



This preview shows how black text looks on a background with the XYZ color 58.1310, 56.1327, 90.2089.

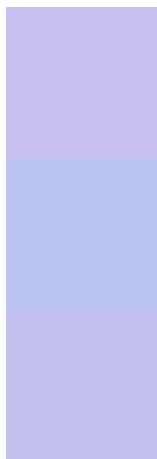


This preview shows how white text looks on a background with the XYZ color 58.1310, 56.1327,

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

58.1310, 56.1327, 90.2089

Protanopia

56.2605, 56.4555, 91.9361

Deuteranopia

57.5631, 56.1670, 90.2455



Tritanopia

54.0981, 56.1553, 70.2751

Trichromacy



Original Color

58.1310, 56.1327, 90.2089

Protanomaly

56.8781, 56.4575, 91.1187

Deuteranomaly

57.8241, 56.3015, 90.2577

Tritanomaly

55.4649, 56.0399, 77.0007

Monochromacy



Original Color

58.1310, 56.1327, 90.2089

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

56.0514, 57.1182, 72.3607

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.1310, 56.1327, 90.2089 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(199, 192, 240)` looks like.

```
.text, #text, p{  
    color:rgb(199, 192, 240)  
}
```

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(199, 192, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 192, 240) }
```

Border

The CSS property to change the border of an element to XYZ 58.1310, 56.1327, 90.2089 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(199, 192, 240) }
```


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

```
.border{ border-color:rgb(199, 192, 240) }
```

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

Here you see how a box with a 4 pixel rgb(199, 192, 240) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 192, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 192, 240);  
box-shadow:4px 4px 4px 4px rgb(199, 192,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1310, 56.1327, 90.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 192, 240) }
```

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

```
.background{ background-color: rgb(199,  
192, 240) }
```

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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