

Converting Colors

XYZ(59.7098, 56.8092,
108.6059)

Have a look what the booklet for
XYZ(59.7098, 56.8092, 108.6059)
contains.

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Color

**XYZ(58.6058, 56.4363,
102.4122)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC1FF
RGB	191, 193, 255
RGB Percent	75%, 76%, 100%
CMY	0.2510, 0.2431, 0.0000
CMYK	0.25, 0.24, 0.00, 0.00
HSL	238°, 100%, 87%
HSV	238°, 25%, 100%
XYZ	58.6058, 56.4363, 102.4122
YIQ	199.4700, -21.0940, 18.8580

Conversions

Conversions Part 2

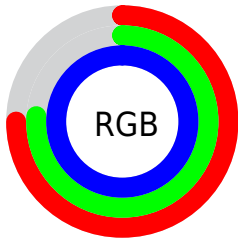
Format	Color
R_{YB}	191, 193, 255
Decimal	12567039
CIE _{Lab}	79.86, 12.37, -30.68
CIE _{LCh}	80, 33.080, 291.966
Yxy	56.4363, 0.2695, 0.2595
Android (android.graphics.Color)	4290757119 (0xFFBFC1FF)
YUV	199.4700, 27.3763, -7.4282
Hunter-Lab	75.1241, 7.7842, -28.2397

Details

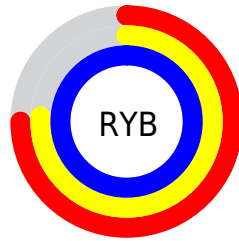
The XYZ color **58.6058, 56.4363, 102.4122** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.7692, 95.2716, 63.1606**, and the grayscale version is **54.4221, 57.2563, 62.3521**.

A 20% lighter version of the original color is **90.6371, 94.9278, 108.1536**, and **29.7245, 28.0676, 57.2770** is the 20% darker color. If you saturate the color by 10%, you get **47.7302, 43.3901, 100.4672**, and if you desaturate by 10%, it is **71.5131, 71.8865, 104.7141**.

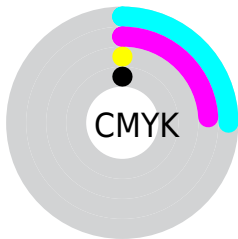
Distribution



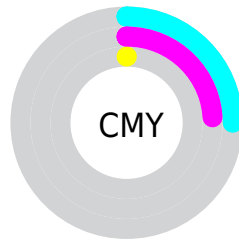
- Red (75%)
- Green (76%)
- Blue (100%)



- Red (75%)
- Yellow (76%)
- Blue (100%)



- Cyan (25%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6058, 56.4363, 102.4122 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 58.6058, 56.4363, 102.4122 by changing the saturation by 10% instead.

■ 58.6058, 56.4363,
102.4122

■ 58.6058, 56.4363,
102.4122

409.3571,
411.3337, 589.2116

■ 42.5410, 40.5528,
77.6885

■ 101.9224, 99.6422,
166.5489

■ 29.7181, 27.9698,
57.3032

129.9050,
127.7334, 206.7989

■ 19.7717, 18.3029,
40.8377

162.5908,
160.6627, 253.0615

■ 12.3365, 11.1677,
27.8736

200.3453,
198.8145, 305.7552

■ 7.0471, 6.1797,
17.9922

243.5339,
242.5730, 365.2986

■ 3.5382, 2.9547,
10.7750

292.5218,

■ 1.4443, 1.1081,

292.3228, 432.1100

5.8035

347.6744,
348.4482, 506.6082

■ 0.2875, 0.0000,
2.6591

■ 0.0000, 0.0000,
0.9227

■ 58.6058, 56.4363,
102.4122

■ 58.6058, 56.4363,
102.4122

■ 47.7302, 43.3901,
100.4672

■ 71.5131, 71.8865,
104.7141

■ 38.7783, 32.6209,
98.8604

■ 86.5431, 89.8460,
107.3884

■ 31.6395, 24.0002,
97.5727

95.0500, 100.0000,
108.9000

■ 26.1900, 17.3839,
96.5828

■ 22.2906, 12.6103,
95.8669

■ 19.7798, 9.4928,
95.3975

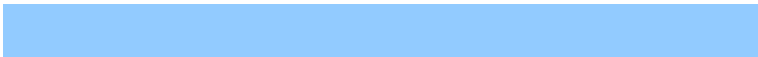
■ 18.4604, 7.8052,
95.1413

■ 18.1365, 7.3931,
95.0788

Harmonies

Analogous

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



51.8605, 56.4363, 105.7028



58.6058, 56.4363, 102.4122



64.4417, 56.4363, 87.1013

Triad

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



58.6058, 56.4363, 102.4122



61.9768, 56.4363, 36.7287



41.8688, 56.4363, 56.4357

Complementary

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



58.6058, 56.4363, 102.4122



85.7692, 95.2716, 63.1606

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.



44.1200, 56.4363, 41.4045



58.6058, 56.4363, 102.4122



55.4618, 56.4363, 31.6772

Square

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



58.6058, 56.4363, 102.4122



66.4981, 56.4363, 48.6556



48.9648, 56.4363, 33.1898



42.5581, 56.4363, 76.3099

Rectangle

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



58.6058, 56.4363, 102.4122



66.8476, 56.4363, 73.5945



48.9648, 56.4363, 33.1898



42.2996, 56.4363, 50.7201

Sweetspot

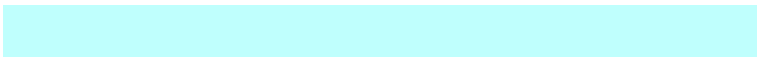
The Sweet Spot groups the original color and five complimentary colors.



58.6075, 56.4385, 102.4125



81.9555, 84.3671, 106.5727



74.9550, 89.6801, 106.1767



17.0485, 17.4687, 22.7232



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.



58.6075, 56.4385, 102.4125



53.0270, 49.7481, 101.4153



66.4601, 59.8344, 102.6541



17.0485, 17.4687, 22.7232



9.4964, 3.9024, 49.6873



0.9400, 0.4106, 4.8430

Inverse Universe

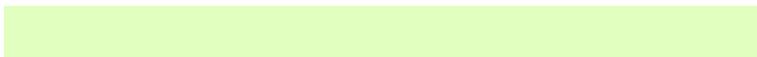
The Inverse Universe completely reimagines the original color for something new.



69.4975, 62.3733, 58.8308



65.5895, 56.6319, 51.1321



76.2576, 91.3109, 62.8975



18.0324, 17.9963, 18.7878



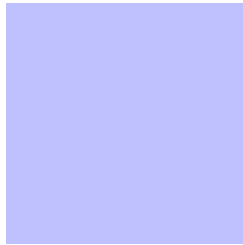
21.5816, 11.1219, 1.1810



2.1091, 1.0860, 0.1557

Previews

White Background



This preview shows how the XYZ color 58.6058, 56.4363, 102.4122 looks on a white background.

Color Contrast Check

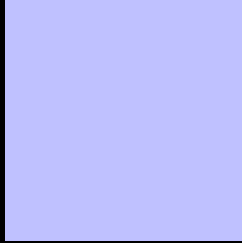
Large Text (above 18pt) WCAG AA × Fail

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 58.6058, 56.4363, 102.4122 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 58.6058, 56.4363, 102.4122

Background



This preview shows how black text looks on a background with the XYZ color 58.6058, 56.4363, 102.4122.

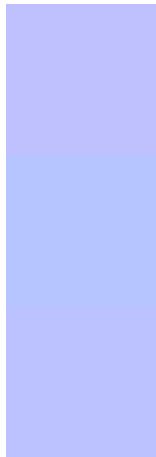


This preview shows how white text looks on a background with the XYZ color 58.6058, 56.4363,

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

58.6058, 56.4363, 102.4122

Protanopia

57.0813, 56.6449, 102.5328

Deuteranopia

57.8353, 56.3684, 102.4397



Tritanopia

52.5774, 56.3337, 73.0681

Trichromacy



Original Color

58.6058, 56.4363, 102.4122

Protanomaly

57.5727, 56.5645, 102.4914

Deuteranomaly

58.0808, 56.4949, 102.4512

Tritanomaly

54.4989, 56.0848, 82.8160

Monochromacy



Original Color

58.6058, 56.4363, 102.4122

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

55.5174, 56.7827, 75.0519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6058, 56.4363, 102.4122 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(191, 193, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 193, 255)  
}
```

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(191, 193, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 193, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.6058, 56.4363, 102.4122 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(191, 193, 255) }
```


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

```
.border{ border-color:rgb(191, 193, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 193, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 193, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 193, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 193,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6058, 56.4363, 102.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 193, 255) }
```

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

```
.background{ background-color: rgb(191,  
193, 255) }
```

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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