

Converting Colors

XYZ(58.7478, 59.2998, 94.5759)

Have a look what the booklet for
XYZ(58.7478, 59.2998, 94.5759)
contains.

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Color

**XYZ(58.8539, 59.4422,
94.7578)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC9F5
RGB	191, 201, 245
RGB Percent	75%, 79%, 96%
CMY	0.2510, 0.2117, 0.0392
CMYK	0.22, 0.18, 0.00, 0.04
HSL	229°, 73%, 85%
HSV	229°, 22%, 96%
XYZ	58.8539, 59.4422, 94.7578
YIQ	203.0260, -20.0840, 11.5640

Conversions

Conversions Part 2

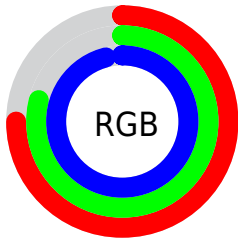
Format	Color
R _Y B	191, 199, 245
Decimal	12569077
CIE Lab	81.53, 5.76, -22.79
CIE LCh	82, 23.504, 284.196
Yxy	59.4422, 0.2762, 0.2790
Android (android.graphics.Color)	4290759157 (0xFFBFC9F5)
YUV	203.0260, 20.6932, -10.5468
Hunter-Lab	77.0988, 1.3364, -18.9009

Details

The XYZ color **58.8539, 59.4422, 94.7578** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **76.7691, 82.5909, 61.1872**, and the grayscale version is **56.6658, 59.6168, 64.9227**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.9356, 29.8599, 52.3299** is the 20% darker color. If you saturate the color by 10%, you get **48.8455, 47.8189, 93.0428**, and if you desaturate by 10%, it is **70.5014, 72.8111, 96.7254**.

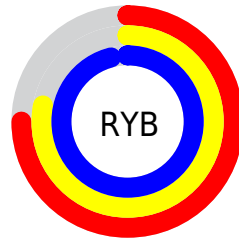
Distribution



Red (75%)

Green (79%)

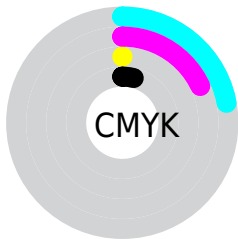
Blue (96%)



Red (75%)

Yellow (78%)

Blue (96%)

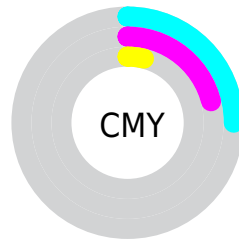


Cyan (22%)

Magenta (18%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (21%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.8539, 59.4422, 94.7578 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 58.8539, 59.4422, 94.7578 by changing the saturation by 10% instead.

■ 58.8539, 59.4422,
94.7578

■ 58.8539, 59.4422,
94.7578

410.2630,
422.5387, 564.3538

■ 42.7414, 42.9692,
71.3376

■ 102.2811,
104.0201, 155.9227

■ 29.8759, 29.8609,
52.1343

130.3266,
132.8937, 194.5044

■ 19.8920, 19.7331,
36.7291

163.0805,
166.6697, 238.9771

■ 12.4244, 12.2012,
24.7037

200.9081,
205.7325, 289.7593

■ 7.1077, 6.8808,
15.6394

244.1748,
250.4664, 347.2696

■ 3.5764, 3.3877,
9.1178

293.2460,

■ 1.4654, 1.3373,

301.2557, 411.9264

4.7202

348.4869,
358.4851, 484.1483

■ 0.3021, 0.1698,
2.0282

■ 0.0000, 0.0000,
0.5725

■ 58.8539, 59.4422,
94.7578

■ 58.8539, 59.4422,
94.7578

■ 48.8455, 47.8189,
93.0428

■ 70.5014, 72.8111,
96.7254

■ 40.3962, 37.8613,
91.5661

■ 83.8520, 87.9868,
98.9509

■ 33.4276, 29.4939,
90.3183

■ 93.4816, 99.3727,
100.6411

■ 27.8523, 22.6324,
89.2877

■ 23.5731, 17.1846,
88.4617

■ 20.4800, 13.0474,
87.8262

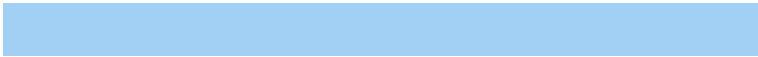
■ 18.4432, 10.1024,
87.3651

■ 17.4345, 8.4985,
87.1087

Harmonies

Analogous

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



53.9564, 59.4422, 94.5039



58.8539, 59.4422, 94.7578



63.3646, 59.4422, 86.1943

Triad

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



58.8539, 59.4422, 94.7578



63.5678, 59.4422, 47.5874



47.8620, 59.4422, 57.6092

Complementary

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



58.8539, 59.4422, 94.7578



76.7691, 82.5909, 61.1872

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.



50.1464, 59.4422, 47.1501



58.8539, 59.4422, 94.7578



59.1182, 59.4422, 41.9644

Square

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



58.8539, 59.4422, 94.7578



66.1914, 59.4422, 58.2926



54.2059, 59.4422, 41.8169



47.8004, 59.4422, 71.6086

Rectangle

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



58.8539, 59.4422, 94.7578



65.4656, 59.4422, 77.2688



54.2059, 59.4422, 41.8169



48.3892, 59.4422, 53.6135

Sweetspot

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



58.8558, 59.4446, 94.7592



84.3197, 87.8395, 107.1183



69.0196, 82.3344, 90.2482



17.8593, 18.5868, 22.8963



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.



58.8558, 59.4446, 94.7592



59.8439, 59.7645, 102.9893



60.9017, 57.1499, 94.2084



15.8294, 16.4232, 20.8783



9.4647, 4.7232, 46.9508



0.8985, 0.5484, 4.1487

Inverse Universe

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



66.8311, 60.8927, 63.4920



69.9134, 61.7424, 63.4787



74.3069, 85.6927, 61.9157



16.6245, 16.5326, 17.7691



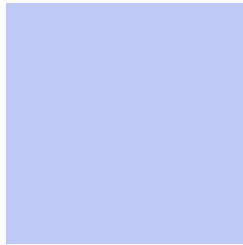
20.5818, 10.5762, 2.5064



1.8426, 0.9430, 0.3974

Previews

White Background



This preview shows how the XYZ color 58.8539, 59.4422, 94.7578 looks on a white background.

Color Contrast Check

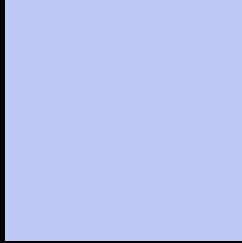
Large Text (above 18pt) WCAG AA × Fail

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 58.8539, 59.4422, 94.7578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

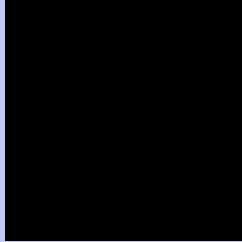
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.8539, 59.4422, 94.7578

Background



This preview shows how black text looks on a background with the XYZ color 58.8539, 59.4422, 94.7578.



This preview shows how white text looks on a background with the XYZ color 58.8539, 59.4422,

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

58.8539, 59.4422, 94.7578

Protanopia

59.3604, 59.7033, 94.7815

Deuteranopia

60.9160, 59.4595, 95.4550



Tritanopia

55.1322, 59.3222, 76.9512

Trichromacy



Original Color

58.8539, 59.4422, 94.7578

Protanomaly

59.1063, 59.5723, 94.7696

Deuteranomaly

60.0839, 59.3710, 95.4818

Tritanomaly

56.6148, 59.5903, 83.3811

Monochromacy



Original Color

58.8539, 59.4422, 94.7578

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.3286, 59.4451, 74.7822

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.8539, 59.4422, 94.7578 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, 201, 245)` looks like.

```
.text, #text, p{  
    color:rgb(191, 201, 245)  
}
```

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, 201, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 201, 245) }
```

Border

The CSS property to change the border of an element to XYZ 58.8539, 59.4422, 94.7578 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, 201, 245) }
```


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

```
.border{ border-color:rgb(191, 201, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 201, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 201, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 201, 245);  
box-shadow:4px 4px 4px 4px rgb(191, 201,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 58.8539, 59.4422, 94.7578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 201, 245) }
```

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

```
.background{ background-color: rgb(191,  
201, 245) }
```

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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