

Converting Colors

XYZ(58.5438, 58.5770, 95.4097)

Have a look what the booklet for
XYZ(58.5438, 58.5770, 95.4097)
contains.

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Color

**XYZ(58.5438, 58.5770,
95.4097)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC7F6
RGB	191, 199, 246
RGB Percent	75%, 78%, 96%
CMY	0.2510, 0.2196, 0.0353
CMYK	0.22, 0.19, 0.00, 0.04
HSL	231°, 75%, 86%
HSV	231°, 22%, 96%
XYZ	58.5438, 58.5770, 95.4097
YIQ	201.9660, -19.8550, 12.9210

Conversions

Conversions Part 2

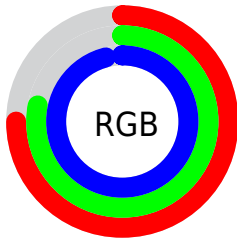
Format	Color
RYB	191, 198, 246
Decimal	12568566
CIELab	81.06, 7.06, -24.04
CIElCh	81, 25.059, 286.373
Yxy	58.5770, 0.2755, 0.2756
Android (android.graphics.Color)	4290758646 (0xFFBFC7F6)
YUV	201.9660, 21.7088, -9.6172
Hunter-Lab	76.5356, 2.6013, -20.3363

Details

The XYZ color **58.5438, 58.5770, 95.4097** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **77.9852, 84.5037, 61.4924**, and the grayscale version is **55.9971, 58.9133, 64.1566**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **29.7362, 29.2869, 52.8009** is the 20% darker color. If you saturate the color by 10%, you get **48.3622, 46.6385, 93.6429**, and if you desaturate by 10%, it is **70.4363, 72.3921, 97.4505**.

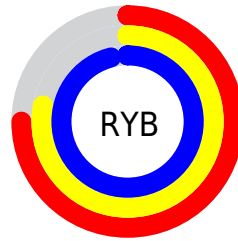
Distribution



Red (75%)

Green (78%)

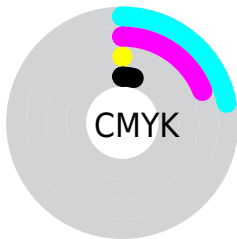
Blue (96%)



Red (75%)

Yellow (78%)

Blue (96%)

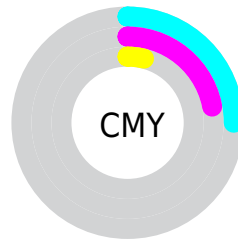


Cyan (22%)

Magenta (19%)

Yellow (0%)

Black (4%)



Cyan (25%)

Magenta (22%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5438, 58.5770, 95.4097 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 58.5438, 58.5770, 95.4097 by changing the saturation by 10% instead.

■ 58.5438, 58.5770,
95.4097

■ 58.5438, 58.5770,
95.4097

409.1305,
419.3325, 566.4936

■ 42.4909, 42.2727,
71.8772

■ 101.8328,
102.7626, 156.8309

■ 29.6787, 29.3149,
52.5722

129.7996,
131.4127, 195.5568

■ 19.7417, 19.3192,
37.0760

162.4684,
164.9469, 240.1842

■ 12.3146, 11.9011,
24.9701

200.2046,
203.7496, 291.1318

■ 7.0320, 6.6764,
15.8359

243.3736,
248.2050, 348.8179

■ 3.5286, 3.2605,
9.2550

292.3407,

■ 1.4391, 1.2692,

298.6978, 413.6612

4.8088

347.4712,
355.6121, 486.0803

■ 0.2838, 0.1172,
2.0788

■ 0.0000, 0.0000,
0.6031

■ 58.5438, 58.5770,
95.4097

■ 58.5438, 58.5770,
95.4097

■ 48.3622, 46.6385,
93.6429

■ 70.4363, 72.3921,
97.4505

■ 39.8067, 36.4882,
92.1347

■ 84.1079, 88.1528,
99.7720

■ 32.7939, 28.0414,
90.8739

■ 93.6347, 99.4339,
101.4474

■ 27.2303, 21.2034,
89.8473

■ 23.0124, 15.8702,
89.0401

■ 20.0224, 11.9252,
88.4363

■ 18.1210, 9.2335,
88.0169

■ 17.2593, 7.9029,
87.8055

Harmonies

Analogous

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



53.3517, 58.5770, 95.8754



58.5438, 58.5770, 95.4097



63.2360, 58.5770, 85.6623

Triad

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



58.5438, 58.5770, 95.4097



62.8677, 58.5770, 45.2072



46.5077, 58.5770, 57.2653

Complementary

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



58.5438, 58.5770, 95.4097



77.9852, 84.5037, 61.4924

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.



48.7433, 58.5770, 45.9835



58.5438, 58.5770, 95.4097



58.0662, 58.5770, 39.7903

Square

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



58.5438, 58.5770, 95.4097



65.8368, 58.5770, 56.0396



52.9028, 58.5770, 40.0504



46.6179, 58.5770, 72.2031

Rectangle

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



58.5438, 58.5770, 95.4097



65.3539, 58.5770, 75.9666



52.9028, 58.5770, 40.0504



47.0035, 58.5770, 52.9725

Sweetspot

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



58.5457, 58.5794, 95.4110



84.1108, 87.4216, 107.0487



69.8388, 83.1474, 93.0658



17.8111, 18.4904, 22.8802



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.



58.5457, 58.5794, 95.4110



58.1137, 57.2330, 102.5919



61.9163, 57.6554, 95.0550



15.7757, 16.3156, 20.8603



9.2727, 4.3392, 46.8868



0.8730, 0.4974, 4.1402

Inverse Universe

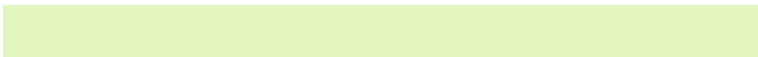
The Inverse Universe completely reimagines the original color for something new.



66.9471, 60.9795, 62.2771



68.8133, 60.4342, 60.3622



73.9607, 85.9645, 61.9864



16.5973, 16.5218, 17.6262



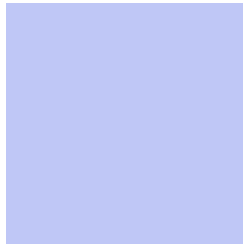
20.4849, 10.5374, 1.9961



1.8297, 0.9378, 0.3296

Previews

White Background



This preview shows how the XYZ color 58.5438, 58.5770, 95.4097 looks on a white background.

Color Contrast Check

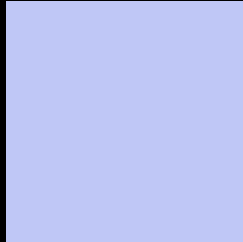
Large Text (above 18pt) WCAG AA × Fail

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 58.5438, 58.5770, 95.4097 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

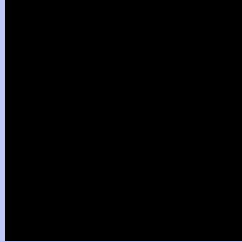
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.5438, 58.5770, 95.4097

Background



This preview shows how black text looks on a background with the XYZ color 58.5438, 58.5770, 95.4097.



This preview shows how white text looks on a background with the XYZ color 58.5438, 58.5770,

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

58.5438, 58.5770, 95.4097

Protanopia

58.2932, 58.4478, 95.3980

Deuteranopia

59.8895, 58.5921, 95.3417



Tritanopia

54.7608, 58.7921, 76.1720

Trichromacy



Original Color

58.5438, 58.5770, 95.4097

Protanomaly

58.2932, 58.4478, 95.3980

Deuteranomaly

59.3343, 58.6441, 95.3810

Tritanomaly

56.0024, 58.5896, 82.4860

Monochromacy



Original Color

58.5438, 58.5770, 95.4097

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8302, 58.8410, 74.6918

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5438, 58.5770, 95.4097 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, 199, 246)` looks like.

```
.text, #text, p{  
    color:rgb(191, 199, 246)  
}
```

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, 199, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 199, 246) }
```

Border

The CSS property to change the border of an element to XYZ 58.5438, 58.5770, 95.4097 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, 199, 246) }
```


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

```
.border{ border-color:rgb(191, 199, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 199, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 199, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 199, 246); box-shadow:4px 4px 4px 4px rgb(191, 199, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 58.5438, 58.5770, 95.4097 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 199, 246) }
```

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

```
.background{ background-color: rgb(191,  
199, 246) }
```

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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