

Converting Colors

XYZ(63.4720, 59.4017,
124.5938)

Have a look what the booklet for
XYZ(63.4720, 59.4017, 124.5938)
contains.

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Color

**XYZ(59.2758, 57.7762,
102.6355)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC4FF
RGB	191, 196, 255
RGB Percent	75%, 77%, 100%
CMY	0.2510, 0.2314, 0.0000
CMYK	0.25, 0.23, 0.00, 0.00
HSL	235°, 100%, 87%
HSV	235°, 25%, 100%
XYZ	59.2758, 57.7762, 102.6355
YIQ	201.2310, -21.9190, 17.2890

Conversions

Conversions Part 2

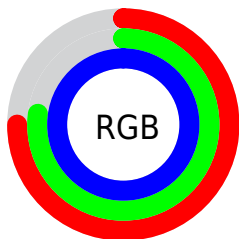
Format	Color
RYB	191, 196, 255
Decimal	12567807
CIELab	80.61, 10.74, -29.52
CIElCh	81, 31.417, 289.999
Yxy	57.7762, 0.2698, 0.2630
Android (android.graphics.Color)	4290757887 (0xFFBFC4FF)
YUV	201.2310, 26.5081, -8.9726
Hunter-Lab	76.0107, 6.1820, -26.8505

Details

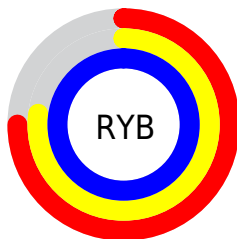
The XYZ color **59.2758, 57.7762, 102.6355** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.8297, 93.3925, 62.8476**, and the grayscale version is **55.5125, 58.4035, 63.6014**.

A 20% lighter version of the original color is **91.8867, 97.4270, 108.5701**, and **30.0194, 28.6575, 57.3753** is the 20% darker color. If you saturate the color by 10%, you get **48.5191, 44.9678, 100.7302**, and if you desaturate by 10%, it is **71.9830, 72.8260, 104.8707**.

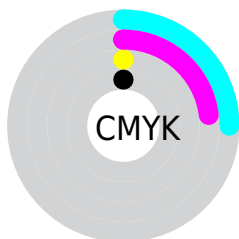
Distribution



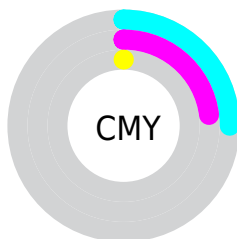
- Red (75%)
- Green (77%)
- Blue (100%)



- Red (75%)
- Yellow (77%)
- Blue (100%)



- Cyan (25%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2758, 57.7762, 102.6355 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 59.2758, 57.7762, 102.6355 by changing the saturation by 10% instead.

■ 59.2758, 57.7762,
102.6355

■ 59.2758, 57.7762,
102.6355

411.8009,
416.3515, 589.9284

■ 43.0824, 41.6288,
77.8743

■ 102.8907,
101.5969, 166.8576

■ 30.1446, 28.8107,
57.4549

131.0430,
130.0389, 207.1556

■ 20.0970, 18.9377,
40.9588

163.9122,
163.3479, 253.4696

■ 12.5742, 11.6252,
27.9674

201.8638,
201.9083, 306.2181

■ 7.2110, 6.4890,
18.0623

245.2631,
246.1045, 365.8197

■ 3.6419, 3.1447,
10.8248

294.4755,

■ 1.5016, 1.2077,

296.3208, 432.6929

5.8365

349.8663,
352.9417, 507.2563

■ 0.3269, 0.0680,
2.6787

■ 0.0000, 0.0000,
0.9327

■ 59.2758, 57.7762,
102.6355

■ 59.2758, 57.7762,
102.6355

■ 48.5191, 44.9678,
100.7302

■ 71.9830, 72.8260,
104.8707

■ 39.6115, 34.2872,
99.1381

■ 86.7253, 90.2103,
107.4491

■ 32.4498, 25.6208,
97.8427

95.0500, 100.0000,
108.9000

■ 26.9190, 18.8417,
96.8258

■ 22.8899, 13.8088,
96.0667

■ 20.2137, 10.3607,
95.5422

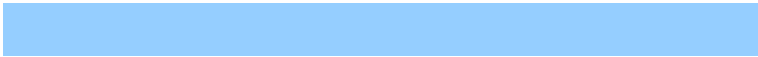
■ 18.7106, 8.3056,
95.2247

■ 18.2988, 7.7177,
95.1329

Harmonies

Analogous

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



52.7842, 57.7762, 104.8766



59.2758, 57.7762, 102.6355



64.9962, 57.7762, 88.6751

Triad

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



59.2758, 57.7762, 102.6355



63.2975, 57.7762, 39.3914



43.5615, 57.7762, 56.9270

Complementary

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



59.2758, 57.7762, 102.6355



84.8297, 93.3925, 62.8476

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.



45.9334, 57.7762, 42.6898



59.2758, 57.7762, 102.6355



57.1014, 57.7762, 33.9622

Square

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



59.2758, 57.7762, 102.6355



67.4414, 57.7762, 51.5033



50.7726, 57.7762, 35.0379



44.0437, 57.7762, 75.8841

Rectangle

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



59.2758, 57.7762, 102.6355



67.4412, 57.7762, 75.8856



50.7726, 57.7762, 35.0379



44.0438, 57.7762, 51.5021

Sweetspot

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



59.2775, 57.7784, 102.6358



82.2304, 84.9169, 106.6643



74.4498, 89.4780, 103.5160



17.1170, 17.6057, 22.7460



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.



59.2775, 57.7784, 102.6358



53.7649, 51.2240, 101.6613



65.4959, 59.3374, 102.6090



17.1170, 17.6057, 22.7460



9.6016, 4.1127, 49.7224



0.9724, 0.4755, 4.8538

Inverse Universe

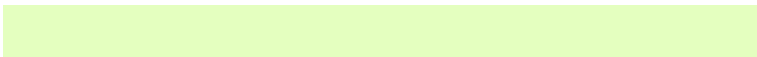
The Inverse Universe completely reimagines the original color for something new.



69.8358, 62.5087, 60.6116



65.9620, 56.7809, 53.0937



77.2655, 91.8305, 62.9448



18.0670, 18.0101, 18.9698



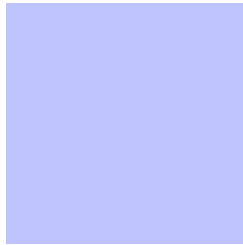
21.6346, 11.1431, 1.4604



2.1254, 1.0925, 0.2419

Previews

White Background



This preview shows how the XYZ color 59.2758, 57.7762, 102.6355 looks on a white background.

Color Contrast Check

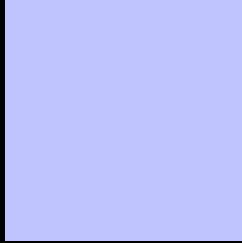
Large Text (above 18pt) WCAG AA × Fail

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 59.2758, 57.7762, 102.6355 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

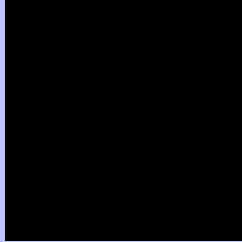
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2758, 57.7762, 102.6355

Background



This preview shows how black text looks on a background with the XYZ color 59.2758, 57.7762, 102.6355.

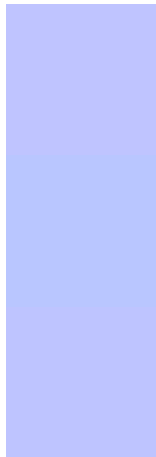


This preview shows how white text looks on a background with the XYZ color 59.2758, 57.7762,

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

59.2758, 57.7762, 102.6355

Protanopia

58.2517, 57.9225, 102.7177

Deuteranopia

59.0251, 57.6470, 102.6238



Tritanopia

53.9093, 58.0167, 75.3749

Trichromacy



Original Color

59.2758, 57.7762, 102.6355

Protanomaly

58.5098, 57.7173, 102.6645

Deuteranomaly

59.0251, 57.6470, 102.6238

Tritanomaly

55.7133, 57.6995, 84.5447

Monochromacy



Original Color

59.2758, 57.7762, 102.6355

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.5005, 57.9376, 76.6118

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2758, 57.7762, 102.6355 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, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 196, 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, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.2758, 57.7762, 102.6355 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, 196, 255) }
```


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

```
.border{ border-color:rgb(191, 196, 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, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 196,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2758, 57.7762, 102.6355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 196, 255) }
```

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

```
.background{ background-color: rgb(191,  
196, 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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