

Converting Colors

XYZ(59.7252, 58.5669,
102.7644)

Have a look what the booklet for
XYZ(59.7252, 58.5669, 102.7644)
contains.

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Color

**XYZ(59.7299, 58.6845,
102.7869)**

Conversions

Conversions Part 1

Format	Color
Hex	BFC6FF
RGB	191, 198, 255
RGB Percent	75%, 78%, 100%
CMY	0.2510, 0.2235, 0.0000
CMYK	0.25, 0.22, 0.00, 0.00
HSL	233°, 100%, 87%
HSV	233°, 25%, 100%
XYZ	59.7299, 58.6845, 102.7869
YIQ	202.4050, -22.4690, 16.2430

Conversions

Conversions Part 2

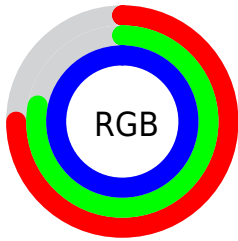
Format	Color
R_{YB}	191, 197, 255
Decimal	12568319
CIE Lab	81.12, 9.66, -28.75
CIE LCh	81, 30.331, 288.575
Yxy	58.6845, 0.2700, 0.2653
Android (android.graphics.Color)	4290758399 (0xFFBFC6FF)
YUV	202.4050, 25.9293, -10.0022
Hunter-Lab	76.6058, 5.1171, -25.9291

Details

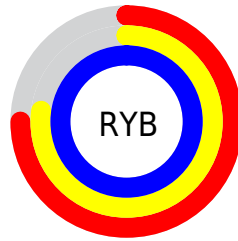
The XYZ color **59.7299, 58.6845, 102.7869** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.2114, 92.1558, 62.6414**, and the grayscale version is **56.2465, 59.1756, 64.4423**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **30.3196, 29.2580, 57.4754** is the 20% darker color. If you saturate the color by 10%, you get **49.0591, 46.0478, 100.9102**, and if you desaturate by 10%, it is **72.2988, 73.4579, 104.9760**.

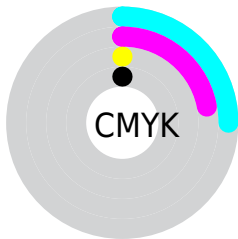
Distribution



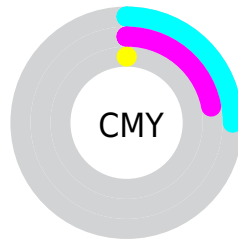
- Red (75%)
- Green (78%)
- Blue (100%)



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



- Cyan (25%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (25%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.7299, 58.6845, 102.7869 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 59.7299, 58.6845, 102.7869 by changing the saturation by 10% instead.

■ 59.7299, 58.6845,
102.7869

■ 59.7299, 58.6845,
102.7869

413.4522,
419.7317, 590.4141

■ 43.4496, 42.3592,
78.0002

■ 103.5463,
102.9190, 167.0670

■ 30.4341, 29.3827,
57.5577

131.8132,
131.5969, 207.3974

■ 20.3180, 19.3705,
41.0408

164.8062,
165.1612, 253.7462

■ 12.7360, 11.9383,
28.0310

202.8908,
203.9963, 306.5319

■ 7.3228, 6.7017,
18.1098

246.4324,
248.4865, 366.1729

■ 3.7129, 3.2762,
10.8586

295.7962,

■ 1.5410, 1.2776,

299.0162, 433.0880

5.8589

351.3477,
355.9698, 507.6955

■ 0.3535, 0.1238,
2.6921

■ 0.0000, 0.0000,
0.9394

■ 59.7299, 58.6845,
102.7869

■ 59.7299, 58.6845,
102.7869

■ 49.0591, 46.0478,
100.9102

■ 72.2988, 73.4579,
104.9760

■ 40.1889, 35.4420,
99.3305

■ 86.8468, 90.4535,
107.4897

■ 33.0208, 26.7627,
98.0331

95.0500, 100.0000,
108.9000

■ 27.4448, 19.8933,
97.0010

■ 23.3377, 14.7045,
96.2160

■ 20.5581, 11.0494,
95.6570

■ 18.9353, 8.7549,
95.2996

■ 18.4628, 8.0456,
95.1876

Harmonies

Analogous

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



53.4106, 58.6845, 104.3334



59.7299, 58.6845, 102.7869



65.3719, 58.6845, 89.7351

Triad

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



59.7299, 58.6845, 102.7869



64.1905, 58.6845, 41.2373



44.7178, 58.6845, 57.2632

Complementary

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



59.7299, 58.6845, 102.7869



84.2114, 92.1558, 62.6414

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.



47.1717, 58.6845, 43.5667



59.7299, 58.6845, 102.7869



58.2141, 58.6845, 35.5475

Square

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



59.7299, 58.6845, 102.7869



68.0780, 58.6845, 53.4623



52.0041, 58.6845, 36.3111



45.0564, 58.6845, 75.6091

Rectangle

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



59.7299, 58.6845, 102.7869



67.8428, 58.6845, 77.4389



52.0041, 58.6845, 36.3111



45.2355, 58.6845, 52.0345

Sweetspot

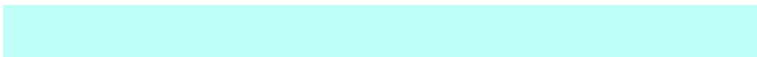
The Sweet Spot groups the original color and five complimentary colors.



59.7316, 58.6868, 102.7872



82.4145, 85.2851, 106.7257



74.1176, 89.3451, 101.7670



17.1629, 17.6975, 22.7613



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.



59.7316, 58.6868, 102.7872



54.2676, 52.2293, 101.8288



64.8632, 59.0111, 102.5794



17.1629, 17.6975, 22.7613



9.6983, 4.3061, 49.7546



0.9940, 0.5187, 4.8610

Inverse Universe

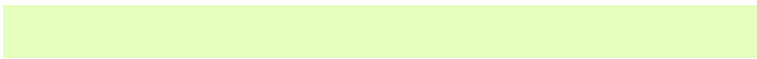
The Inverse Universe completely reimagines the original color for something new.



70.0650, 62.6003, 61.8188



66.2157, 56.8824, 54.4296



77.9478, 92.1822, 62.9766



18.0901, 18.0194, 19.0918



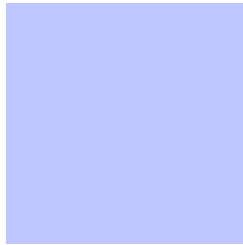
21.6834, 11.1627, 1.7175



2.1363, 1.0969, 0.2994

Previews

White Background



This preview shows how the XYZ color 59.7299, 58.6845, 102.7869 looks on a white background.

Color Contrast Check

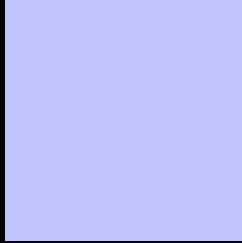
Large Text (above 18pt) WCAG AA × Fail

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 59.7299, 58.6845, 102.7869 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 59.7299, 58.6845, 102.7869

Background



This preview shows how black text looks on a background with the XYZ color 59.7299, 58.6845, 102.7869.



This preview shows how white text looks on a background with the XYZ color 59.7299, 58.6845,

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

59.7299, 58.6845, 102.7869

Protanopia

58.9669, 58.6316, 102.8169

Deuteranopia

60.0086, 58.4900, 102.7346



Tritanopia

54.2783, 58.5434, 76.1494

Trichromacy



Original Color

59.7299, 58.6845, 102.7869

Protanomaly

59.2125, 58.7582, 102.8284

Deuteranomaly

59.7545, 58.3590, 102.7227

Tritanomaly

56.3220, 58.6890, 85.4504

Monochromacy



Original Color

59.7299, 58.6845, 102.7869

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.2265, 58.9995, 76.7785

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.7299, 58.6845, 102.7869 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, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(191, 198, 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, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.7299, 58.6845, 102.7869 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, 198, 255) }
```


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

```
.border{ border-color:rgb(191, 198, 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, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(191, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.7299, 58.6845, 102.7869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 198, 255) }
```

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

```
.background{ background-color: rgb(191,  
198, 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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