

Converting Colors

XYZ(59.9782, 58.6979,
102.7764)

Have a look what the booklet for
XYZ(59.9782, 58.6979, 102.7764)
contains.

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Color

**XYZ(59.9823, 58.8146,
102.7987)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C6FF
RGB	192, 198, 255
RGB Percent	75%, 78%, 100%
CMY	0.2470, 0.2235, 0.0000
CMYK	0.25, 0.22, 0.00, 0.00
HSL	234°, 100%, 88%
HSV	234°, 25%, 100%
XYZ	59.9823, 58.8146, 102.7987
YIQ	202.7040, -21.8730, 16.4550

Conversions

Conversions Part 2

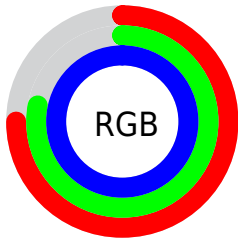
Format	Color
R _Y B	192, 197, 255
Decimal	12633855
CIE Lab	81.19, 9.96, -28.63
CIE LCh	81, 30.316, 289.171
Yxy	58.8146, 0.2707, 0.2654
Android (android.graphics.Color)	4290823935 (0xFFC0C6FF)
YUV	202.7040, 25.7819, -9.3874
Hunter-Lab	76.6907, 5.4020, -25.7908

Details

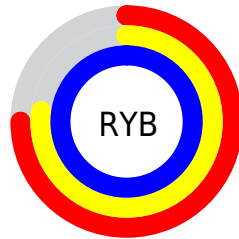
The XYZ color **59.9823, 58.8146, 102.7987** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.6302, 92.8167, 63.3259**, and the grayscale version is **56.4340, 59.3729, 64.6571**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **30.4828, 29.3421, 57.4831** is the 20% darker color. If you saturate the color by 10%, you get **49.1985, 46.0154, 100.8966**, and if you desaturate by 10%, it is **72.6913, 73.8014, 105.0216**.

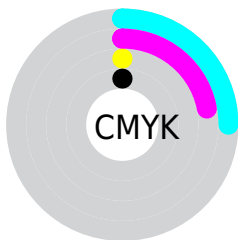
Distribution



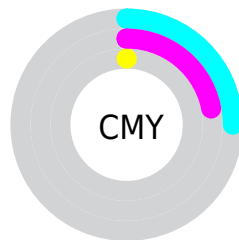
- Red (75%)
- Green (78%)
- Blue (100%)



- 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 59.9823, 58.8146, 102.7987 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 59.9823, 58.8146, 102.7987 by changing the saturation by 10% instead.

■ 59.9823, 58.8146,
102.7987

■ 59.9823, 58.8146,
102.7987

414.3683,
420.2145, 590.4519

■ 43.6538, 42.4639,
78.0100

■ 103.9105,
103.1082, 167.0833

■ 30.5952, 29.4647,
57.5657

132.2408,
131.8198, 207.4162

■ 20.4411, 19.4326,
41.0472

165.3025,
165.4205, 253.7677

■ 12.8262, 11.9833,
28.0360

203.4609,
204.2948, 306.5563

■ 7.3851, 6.7323,
18.1135

247.0813,
248.8269, 366.2005

■ 3.7526, 3.2953,
10.8612

296.5291,

■ 1.5631, 1.2878,

299.4013, 433.1187

5.8606

352.1697,
356.4024, 507.7297

■ 0.3682, 0.1317,
2.6931

■ 0.0000, 0.0000,
0.9399

■ 59.9823, 58.8146,
102.7987

■ 59.9823, 58.8146,
102.7987

■ 49.1985, 46.0154,
100.8966

■ 72.6913, 73.8014,
105.0216

■ 40.2409, 35.2947,
99.2994

■ 87.4078, 91.0644,
107.5780

■ 33.0094, 26.5446,
97.9916

95.0500, 100.0000,
108.9000

■ 27.3920, 19.6443,
96.9558

■ 23.2637, 14.4599,
96.1727

■ 20.4807, 10.8391,
95.6204

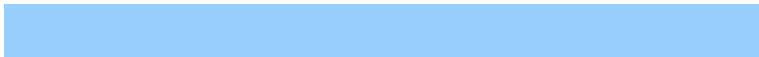
■ 18.8698, 8.6021,
95.2736

■ 18.3827, 7.8853,
95.1609

Harmonies

Analogous

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



53.6521, 58.8146, 104.6030



59.9823, 58.8146, 102.7987



65.5966, 58.8146, 89.5578

Triad

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



59.9823, 58.8146, 102.7987



64.2177, 58.8146, 41.1755



44.8086, 58.8146, 57.7282

Complementary

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



59.9823, 58.8146, 102.7987



84.6302, 92.8167, 63.3259

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.



47.2121, 58.8146, 43.8964



59.9823, 58.8146, 102.7987



58.2129, 58.8146, 35.6076

Square

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



59.9823, 58.8146, 102.7987



68.1662, 58.8146, 53.2901



52.0101, 58.8146, 36.4998



45.2040, 58.8146, 76.1443

Rectangle

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



59.9823, 58.8146, 102.7987



68.0291, 58.8146, 77.2105



52.0101, 58.8146, 36.4998



45.3083, 58.8146, 52.4579

Sweetspot

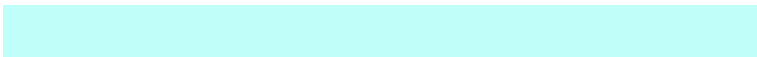
The Sweet Spot groups the original color and five complimentary colors.



59.9840, 58.8169, 102.7990



83.8479, 86.8958, 106.9610



74.5512, 89.5477, 102.7328



17.7504, 18.3690, 22.8600



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.



59.9840, 58.8169, 102.7990



54.0392, 51.7725, 101.7527



65.5756, 59.7033, 102.6754



17.1421, 17.6559, 22.7544



9.6514, 4.2123, 49.7390



0.9842, 0.4992, 4.8577

Inverse Universe

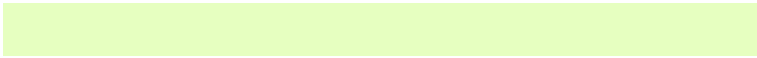
The Inverse Universe completely reimagines the original color for something new.



70.2838, 63.0380, 61.8917



66.1004, 56.8363, 53.8225



77.8441, 92.1160, 63.5483



18.0796, 18.0152, 19.0366



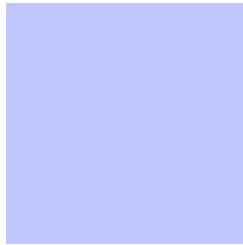
21.6598, 11.1532, 1.5928



2.1314, 1.0949, 0.2734

Previews

White Background



This preview shows how the XYZ color 59.9823, 58.8146, 102.7987 looks on a white background.

Color Contrast Check

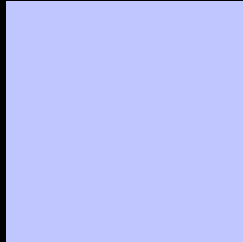
Large Text (above 18pt) WCAG AA × Fail

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 59.9823, 58.8146, 102.7987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

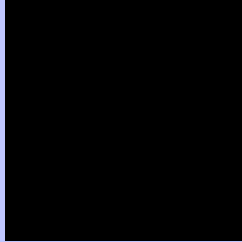
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.9823, 58.8146, 102.7987

Background



This preview shows how black text looks on a background with the XYZ color 59.9823, 58.8146, 102.7987.



This preview shows how white text looks on a background with the XYZ color 59.9823, 58.8146,

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

59.9823, 58.8146, 102.7987

Protanopia

58.9669, 58.6316, 102.8169

Deuteranopia

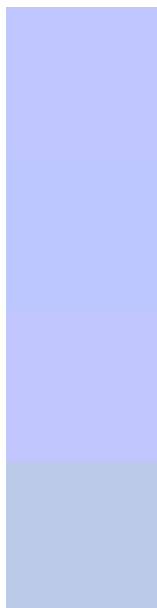
60.2364, 58.9456, 102.8106



Tritanopia

54.5187, 58.6673, 76.1606

Trichromacy



Original Color

59.9823, 58.8146, 102.7987

Protanomaly

59.4597, 58.8857, 102.8399

Deuteranomaly

60.2364, 58.9456, 102.8106

Tritanomaly

56.5675, 58.8156, 85.4619

Monochromacy



Original Color

59.9823, 58.8146, 102.7987

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.6246, 59.1893, 77.4948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9823, 58.8146, 102.7987 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(192, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.9823, 58.8146, 102.7987 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(192, 198, 255) }
```


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

```
.border{ border-color:rgb(192, 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(192, 198, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9823, 58.8146, 102.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 198, 255) }
```

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

```
.background{ background-color: rgb(192,  
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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