

Converting Colors

XYZ(59.5840, 57.2658,
102.5207)

Have a look what the booklet for
XYZ(59.5840, 57.2658, 102.5207)
contains.

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Color

**XYZ(59.5899, 57.2729,
102.5218)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C2FF
RGB	194, 194, 255
RGB Percent	76%, 76%, 100%
CMY	0.2392, 0.2392, 0.0000
CMYK	0.24, 0.24, 0.00, 0.00
HSL	240°, 100%, 88%
HSV	240°, 24%, 100%
XYZ	59.5899, 57.2729, 102.5218
YIQ	200.9540, -19.5810, 18.9710

Conversions

Conversions Part 2

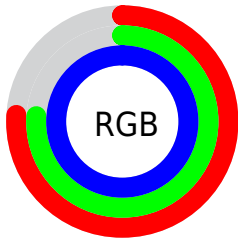
Format	Color
RYB	194, 194, 255
Decimal	12763903
CIELab	80.33, 12.71, -29.94
CIElCh	80, 32.522, 293.006
Yxy	57.2729, 0.2716, 0.2611
Android (android.graphics.Color)	4290953983 (0xFFC2C2FF)
YUV	200.9540, 26.6447, -6.0987
Hunter-Lab	75.6789, 8.1138, -27.3447

Details

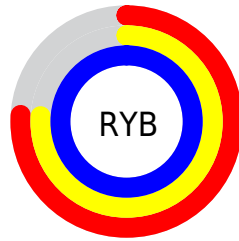
The XYZ color **59.5899, 57.2729, 102.5218** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.7375, 96.6744, 65.1291**, and the grayscale version is **55.3392, 58.2211, 63.4028**.

A 20% lighter version of the original color is **92.0193, 96.1004, 108.3070**, and **30.3654, 28.6159, 57.3491** is the 20% darker color. If you saturate the color by 10%, you get **48.4017, 43.7921, 100.5094**, and if you desaturate by 10%, it is **72.8781, 73.2844, 104.9120**.

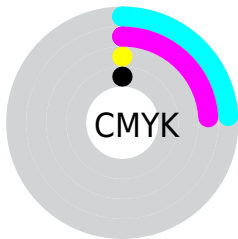
Distribution



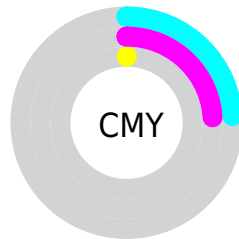
- Red (76%)
- Green (76%)
- Blue (100%)



- Red (76%)
- Yellow (76%)
- Blue (100%)



- Cyan (24%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5899, 57.2729, 102.5218 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 59.5899, 57.2729, 102.5218 by changing the saturation by 10% instead.

■ 59.5899, 57.2729,
102.5218

■ 59.5899, 57.2729,
102.5218

412.9435,
414.4711, 589.5635

■ 43.3364, 41.2244,
77.7797

□ 103.3443,
100.8633, 166.7004

■ 30.3448, 28.4945,
57.3776

131.5758,
129.1739, 206.9740

■ 20.2498, 18.6987,
40.8971

164.5307,
162.3407, 253.2619

■ 12.6861, 11.4528,
27.9196

202.5744,
200.7481, 305.9825

■ 7.2882, 6.3723,
18.0266

246.0722,
244.7804, 365.5544

■ 3.6909, 3.0727,
10.7994

295.3893,

■ 1.5288, 1.1698,

294.8221, 432.3962

5.8197

350.8913,
351.2575, 506.9264

■ 0.3453, 0.0368,
2.6687

■ 0.0000, 0.0000,
0.9276

■ 59.5899, 57.2729,
102.5218

■ 59.5899, 57.2729,
102.5218

■ 48.4017, 43.7921,
100.5094

■ 72.8781, 73.2844,
104.9120

■ 39.2014, 32.7064,
98.8546

■ 88.3605, 91.9397,
107.6968

■ 31.8742, 23.8776,
97.5366

95.0500, 100.0000,
108.9000

■ 26.2916, 17.1508,
96.5325

■ 22.3087, 12.3517,
95.8161

■ 19.7578, 9.2778,
95.3572

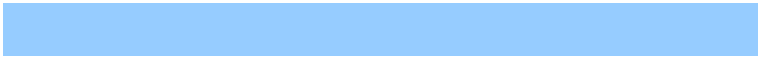
■ 18.4334, 7.6820,
95.1190

■ 18.0501, 7.2201,
95.0500

Harmonies

Analogous

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



52.8935, 57.2729, 106.2449



59.5899, 57.2729, 102.5218



65.3048, 57.2729, 87.1025

Triad

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



59.5899, 57.2729, 102.5218



62.5013, 57.2729, 37.4393



42.7017, 57.2729, 58.0055

Complementary

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



59.5899, 57.2729, 102.5218



86.7375, 96.6744, 65.1291

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.



44.8457, 57.2729, 42.8128



59.5899, 57.2729, 102.5218



56.0085, 57.2729, 32.6094

Square

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



59.5899, 57.2729, 102.5218



67.0790, 57.2729, 49.1110



49.5885, 57.2729, 34.3538



43.4909, 57.2729, 77.8012

Rectangle

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



59.5899, 57.2729, 102.5218



67.6078, 57.2729, 73.6914



49.5885, 57.2729, 34.3538



43.0970, 57.2729, 52.2550

Sweetspot

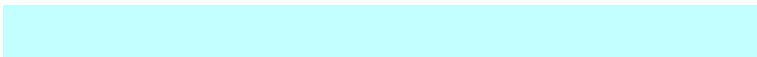
The Sweet Spot groups the original color and five complimentary colors.



59.5916, 57.2751, 102.5221



83.3529, 85.9058, 106.7961



75.8956, 90.1444, 107.1515



17.6363, 18.1408, 22.8219



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.



59.5916, 57.2751, 102.5221



53.6521, 50.1185, 101.4538



67.9235, 61.5700, 102.9120



17.0031, 17.3779, 22.7081



9.4316, 3.7727, 49.6657



0.9183, 0.3674, 4.8358

Inverse Universe

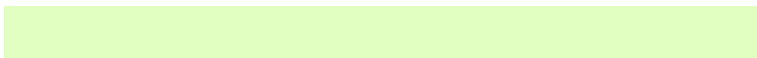
The Inverse Universe completely reimagines the original color for something new.



70.2705, 63.7401, 59.6408



66.1198, 57.6664, 51.3896



76.7110, 91.5061, 64.6600



18.0095, 17.9871, 18.6671



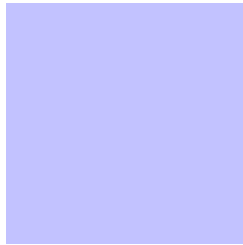
21.5488, 11.1088, 1.0086



2.0981, 1.0816, 0.0982

Previews

White Background



This preview shows how the XYZ color 59.5899, 57.2729, 102.5218 looks on a white background.

Color Contrast Check

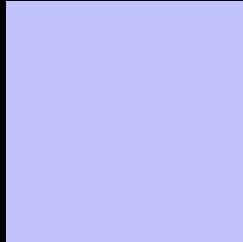
Large Text (above 18pt) WCAG AA × Fail

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 59.5899, 57.2729, 102.5218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

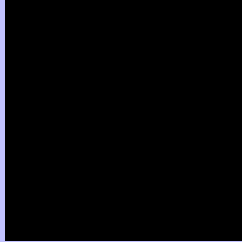
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5899, 57.2729, 102.5218

Background



This preview shows how black text looks on a background with the XYZ color 59.5899, 57.2729, 102.5218.



This preview shows how white text looks on a background with the XYZ color 59.5899, 57.2729,

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

59.5899, 57.2729, 102.5218

Protanopia

57.7834, 57.3429, 102.6305

Deuteranopia

58.7762, 57.5187, 102.6121



Tritanopia

53.9045, 57.3478, 73.8738

Trichromacy



Original Color

59.5899, 57.2729, 102.5218

Protanomaly

58.5290, 57.3912, 102.6005

Deuteranomaly

59.0510, 57.3266, 102.5606

Tritanomaly

55.8531, 57.1048, 83.6799

Monochromacy



Original Color

59.5899, 57.2729, 102.5218

Achromatopsia

55.5167, 58.4078, 63.6061

Achromatomaly

56.5339, 57.6144, 76.5476

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5899, 57.2729, 102.5218 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(194, 194, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 194, 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(194, 194, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 194, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.5899, 57.2729, 102.5218 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(194, 194, 255) }
```


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

```
.border{ border-color:rgb(194, 194, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 194, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 194, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 194, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 194,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5899, 57.2729, 102.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 194, 255) }
```

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

```
.background{ background-color: rgb(194,  
194, 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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