

Converting Colors

XYZ(63.1315, 60.5069,
117.6990)

Have a look what the booklet for
XYZ(63.1315, 60.5069, 117.6990)
contains.

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Color

**XYZ(60.2117, 59.2733,
102.8751)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C7FF
RGB	192, 199, 255
RGB Percent	75%, 78%, 100%
CMY	0.2470, 0.2196, 0.0000
CMYK	0.25, 0.22, 0.00, 0.00
HSL	233°, 100%, 88%
HSV	233°, 25%, 100%
XYZ	60.2117, 59.2733, 102.8751
YIQ	203.2910, -22.1480, 15.9320

Conversions

Conversions Part 2

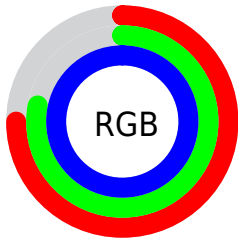
Format	Color
RYB	192, 198, 255
Decimal	12634111
CIELab	81.44, 9.42, -28.25
CIElCh	81, 29.777, 288.433
Yxy	59.2733, 0.2708, 0.2666
Android (android.graphics.Color)	4290824191 (0xFFC0C7FF)
YUV	203.2910, 25.4925, -9.9022
Hunter-Lab	76.9892, 4.8703, -25.3326

Details

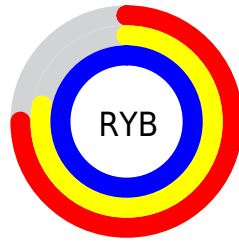
The XYZ color **60.2117, 59.2733, 102.8751** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.3220, 92.2003, 63.2233**, and the grayscale version is **56.8038, 59.7620, 65.0809**.

A 20% lighter version of the original color is **92.8769, 98.8797, 108.7983**, and **30.6350, 29.6464, 57.5338** is the 20% darker color. If you saturate the color by 10%, you get **49.4733, 46.5648, 100.9881**, and if you desaturate by 10%, it is **72.8489, 74.1165, 105.0741**.

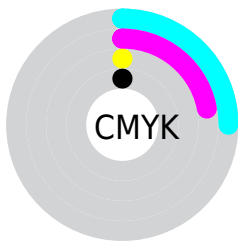
Distribution



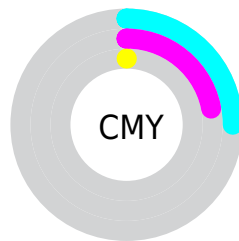
- Red (75%)
- Green (78%)
- Blue (100%)



- Red (75%)
- Yellow (78%)
- 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 60.2117, 59.2733, 102.8751 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 60.2117, 59.2733, 102.8751 by changing the saturation by 10% instead.

■ 60.2117, 59.2733,
102.8751

■ 60.2117, 59.2733,
102.8751

415.1999,
421.9140, 590.6969

■ 43.8394, 42.8332,
78.0736

■ 104.2413,
103.7748, 167.1889

■ 30.7416, 29.7542,
57.6176

132.6293,
132.6049, 207.5382

■ 20.5531, 19.6521,
41.0887

165.7533,
166.3338, 253.9073

■ 12.9083, 12.1424,
28.0681

203.9786,
205.3459, 306.7146

■ 7.4420, 6.8407,
18.1375

247.6705,
250.0256, 366.3786

■ 3.7888, 3.3627,
10.8783

297.1945,

■ 1.5834, 1.3239,

300.7572, 433.3180

5.8719

352.9158,
357.9252, 507.9513

■ 0.3815, 0.1596,
2.6998

■ 0.0000, 0.0000,
0.9433

■ 60.2117, 59.2733,
102.8751

■ 60.2117, 59.2733,
102.8751

■ 49.4733, 46.5648,
100.9881

■ 72.8489, 74.1165,
105.0741

■ 40.5365, 35.8859,
99.3979

■ 87.4654, 91.1794,
107.5972

■ 33.3036, 27.1331,
98.0897

95.0500, 100.0000,
108.9000

■ 27.6652, 20.1906,
97.0468

■ 23.4990, 14.9304,
96.2511

■ 20.6647, 11.2071,
95.6818

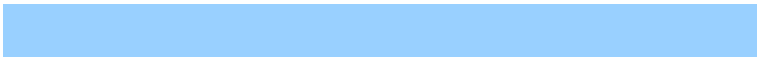
■ 18.9938, 8.8501,
95.3149

■ 18.4733, 8.0666,
95.1911

Harmonies

Analogous

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



53.9688, 59.2733, 104.3332



60.2117, 59.2733, 102.8751



65.7862, 59.2733, 90.0899

Triad

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



60.2117, 59.2733, 102.8751



64.6675, 59.2733, 42.1181



45.3951, 59.2733, 57.8991

Complementary

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



60.2117, 59.2733, 102.8751



84.3220, 92.2003, 63.2233

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.



47.8398, 59.2733, 44.3423



60.2117, 59.2733, 102.8751



58.7745, 59.2733, 36.4191

Square

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



60.2117, 59.2733, 102.8751



68.4867, 59.2733, 54.2849



52.6331, 59.2733, 37.1502



45.7174, 59.2733, 76.0084

Rectangle

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



60.2117, 59.2733, 102.8751



68.2316, 59.2733, 77.9927



52.6331, 59.2733, 37.1502



45.9127, 59.2733, 52.7281

Sweetspot

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



60.2134, 59.2756, 102.8755



83.9308, 87.0616, 106.9887



74.3882, 89.4825, 101.8740



17.7695, 18.4073, 22.8664



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.



60.2134, 59.2756, 102.8755



54.2956, 52.2854, 101.8381



65.2642, 59.5429, 102.6609



17.1655, 17.7026, 22.7622



9.7044, 4.3183, 49.7566



0.9952, 0.5211, 4.8614

Inverse Universe

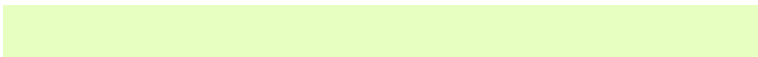
The Inverse Universe completely reimagines the original color for something new.



70.3996, 63.0845, 62.5013



66.2298, 56.8880, 54.5042



78.1818, 92.2901, 63.5643



18.0914, 18.0199, 19.0986



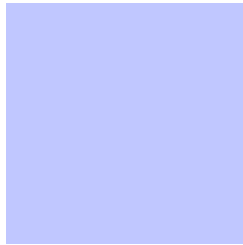
21.6865, 11.1639, 1.7337



2.1369, 1.0972, 0.3026

Previews

White Background



This preview shows how the XYZ color 60.2117, 59.2733, 102.8751 looks on a white background.

Color Contrast Check

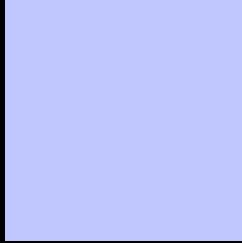
Large Text (above 18pt) WCAG AA × Fail

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 60.2117, 59.2733, 102.8751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

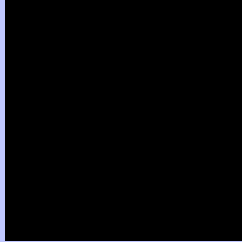
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.2117, 59.2733, 102.8751

Background



This preview shows how black text looks on a background with the XYZ color 60.2117, 59.2733, 102.8751.

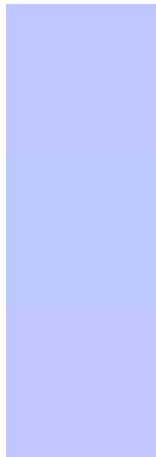


This preview shows how white text looks on a background with the XYZ color 60.2117, 59.2733,

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

60.2117, 59.2733, 102.8751

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.4922, 59.0775, 102.8226



Tritanopia

54.8901, 59.1974, 76.9398

Trichromacy



Original Color

60.2117, 59.2733, 102.8751

Protanomaly

59.6905, 59.3474, 102.9169

Deuteranomaly

60.2364, 58.9456, 102.8106

Tritanomaly

56.8030, 59.2864, 85.5404

Monochromacy



Original Color

60.2117, 59.2733, 102.8751

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.8585, 59.6571, 77.5727

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.2117, 59.2733, 102.8751 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, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(192, 199, 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, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.2117, 59.2733, 102.8751 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, 199, 255) }
```


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

```
.border{ border-color:rgb(192, 199, 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, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 199, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 199, 255);  
box-shadow:4px 4px 4px 4px rgb(192, 199,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2117, 59.2733, 102.8751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 199, 255) }
```

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

```
.background{ background-color: rgb(192,  
199, 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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