

Converting Colors

XYZ(61.4424, 60.0754,
102.9651)

Have a look what the booklet for
XYZ(61.4424, 60.0754, 102.9651)
contains.

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Color

**XYZ(61.2384, 59.8026,
102.9232)**

Conversions

Conversions Part 1

Format	Color
Hex	C4C7FF
RGB	196, 199, 255
RGB Percent	77%, 78%, 100%
CMY	0.2314, 0.2196, 0.0000
CMYK	0.23, 0.22, 0.00, 0.00
HSL	237°, 100%, 88%
HSV	237°, 23%, 100%
XYZ	61.2384, 59.8026, 102.9232
YIQ	204.4870, -19.7640, 16.7800

Conversions

Conversions Part 2

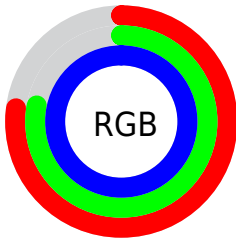
Format	Color
R _Y B	196, 199, 255
Decimal	12896255
CIE Lab	81.73, 10.60, -27.78
CIE LCh	82, 29.733, 290.877
Yxy	59.8026, 0.2734, 0.2670
Android (android.graphics.Color)	4291086335 (0xFFC4C7FF)
YUV	204.4870, 24.9029, -7.4431
Hunter-Lab	77.3321, 6.0208, -24.7780

Details

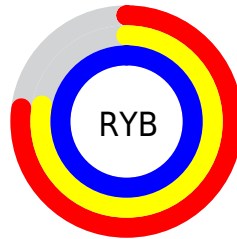
The XYZ color **61.2384, 59.8026, 102.9232** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.0142, 94.8658, 66.0039**, and the grayscale version is **57.5603, 60.5579, 65.9476**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **31.3029, 29.9907, 57.5650** is the 20% darker color. If you saturate the color by 10%, you get **50.0279, 46.4049, 100.9280**, and if you desaturate by 10%, it is **74.4652, 75.5573, 105.2670**.

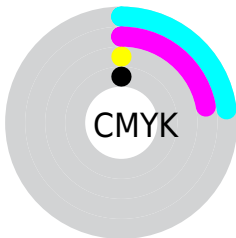
Distribution



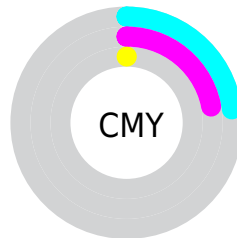
- Red (77%)
- Green (78%)
- Blue (100%)



- Red (77%)
- Yellow (78%)
- Blue (100%)



- Cyan (23%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 61.2384, 59.8026, 102.9232 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 61.2384, 59.8026, 102.9232 by changing the saturation by 10% instead.

■ 61.2384, 59.8026,
102.9232

■ 61.2384, 59.8026,
102.9232

418.9095,
423.8698, 590.8511

■ 44.6709, 43.2595,
78.1136

105.7202,
104.5433, 167.2554

■ 31.3984, 30.0888,
57.6503

134.3652,
133.5097, 207.6150

■ 21.0557, 19.9060,
41.1147

167.7667,
167.3860, 253.9951

■ 13.2774, 12.3267,
28.0884

206.2901,
206.5565, 306.8142

■ 7.6982, 6.9666,
18.1527

250.3007,
251.4058, 366.4908

■ 3.9526, 3.4412,
10.8891

300.1639,

■ 1.6754, 1.3662,

302.3182, 433.4435

5.8791

356.2451,
359.6781, 508.0907

■ 0.4408, 0.1916,
2.7041

■ 0.0000, 0.0000,
0.9455

■ 61.2384, 59.8026,
102.9232

■ 61.2384, 59.8026,
102.9232

■ 50.0279, 46.4049,
100.9280

■ 74.4652, 75.5573,
105.2670

■ 40.7297, 35.2442,
99.2639

■ 89.7951, 93.7672,
107.9739

■ 33.2385, 26.2007,
97.9131

95.0500, 100.0000,
108.9000

■ 27.4367, 19.1405,
96.8562

■ 23.1928, 13.9144,
96.0711

■ 20.3557, 10.3522,
95.5331

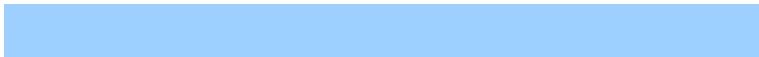
■ 18.7441, 8.2515,
95.2125

■ 18.1936, 7.5071,
95.0979

Harmonies

Analogous

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



54.9535, 59.8026, 105.4221



61.2384, 59.8026, 102.9232



66.6984, 59.8026, 89.3764

Triad

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



61.2384, 59.8026, 102.9232



64.7783, 59.8026, 41.8674



45.7660, 59.8026, 59.8009

Complementary

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



61.2384, 59.8026, 102.9232



86.0142, 94.8658, 66.0039

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.



48.0053, 59.8026, 45.6967



61.2384, 59.8026, 102.9232



58.7704, 59.8026, 36.6665

Square

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



61.2384, 59.8026, 102.9232



68.8441, 59.8026, 53.5876



52.6585, 59.8026, 37.9264



46.3203, 59.8026, 78.1869

Rectangle

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



61.2384, 59.8026, 102.9232



68.9874, 59.8026, 77.0725



52.6585, 59.8026, 37.9264



46.2105, 59.8026, 54.4628

Sweetspot

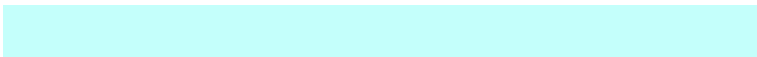
The Sweet Spot groups the original color and five complimentary colors.



61.2401, 59.8049, 102.9235



83.6166, 86.4332, 106.8840



75.9489, 90.2254, 104.7344



17.6971, 18.2623, 22.8422



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.



61.2401, 59.8049, 102.9235



55.5410, 53.0002, 101.9105



67.7828, 62.1628, 103.0338



17.0771, 17.5259, 22.7327



9.5371, 3.9838, 49.7009



0.9535, 0.4377, 4.8475

Inverse Universe

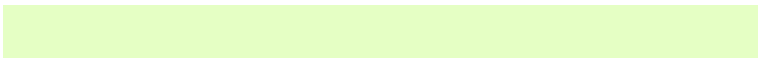
The Inverse Universe completely reimagines the original color for something new.



71.2899, 64.8650, 62.7982



67.2920, 58.9728, 54.9802



78.1761, 92.2353, 65.9093



18.0468, 18.0020, 18.8637



21.6021, 11.1301, 1.2891



2.1159, 1.0887, 0.1917

Previews

White Background



This preview shows how the XYZ color 61.2384, 59.8026, 102.9232 looks on a white background.

Color Contrast Check

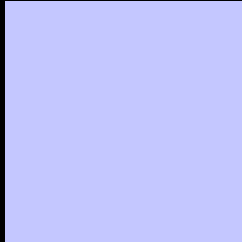
Large Text (above 18pt) WCAG AA × Fail

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 61.2384, 59.8026, 102.9232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

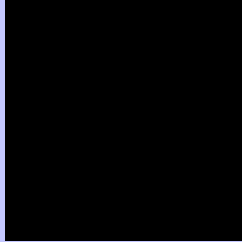
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 61.2384, 59.8026, 102.9232

Background



This preview shows how black text looks on a background with the XYZ color 61.2384, 59.8026, 102.9232.



This preview shows how white text looks on a background with the XYZ color 61.2384, 59.8026,

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

61.2384, 59.8026, 102.9232

Protanopia

60.1718, 59.9404, 103.0060

Deuteranopia

61.2384, 59.8026, 102.9232



Tritanopia

56.1177, 59.8303, 76.9973

Trichromacy



Original Color

61.2384, 59.8026, 102.9232

Protanomaly

60.4425, 59.7350, 102.9521

Deuteranomaly

61.2384, 59.8026, 102.9232

Tritanomaly

57.8021, 59.8015, 85.5871

Monochromacy



Original Color

61.2384, 59.8026, 102.9232

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.5272, 59.9863, 78.3058

CSS Examples

Text

The CSS property to change the color of the text to XYZ 61.2384, 59.8026, 102.9232 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(196, 199, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 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(196, 199, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 199, 255) }
```

Border

The CSS property to change the border of an element to XYZ 61.2384, 59.8026, 102.9232 is called "border". The border property can be set on classes, ids or directly on the HTML element.

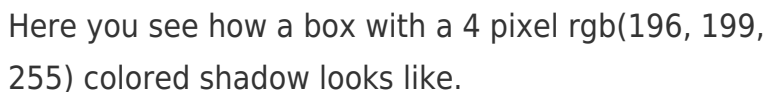
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 199, 255) }
```


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

```
.border{ border-color:rgb(196, 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(196, 199, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 199, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 199, 255); box-shadow:4px 4px 4px 4px rgb(196, 199, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 61.2384, 59.8026, 102.9232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 199, 255) }
```

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

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