

Converting Colors

XYZ(60.4575, 59.0843,
102.8257)

Have a look what the booklet for
XYZ(60.4575, 59.0843, 102.8257)
contains.

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Color

**XYZ(60.4922, 59.0775,
102.8226)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C6FF
RGB	194, 198, 255
RGB Percent	76%, 78%, 100%
CMY	0.2392, 0.2235, 0.0000
CMYK	0.24, 0.22, 0.00, 0.00
HSL	236°, 100%, 88%
HSV	236°, 24%, 100%
XYZ	60.4922, 59.0775, 102.8226
YIQ	203.3020, -20.6810, 16.8790

Conversions

Conversions Part 2

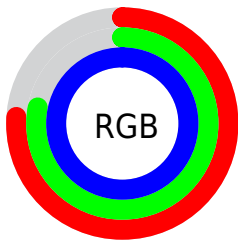
Format	Color
RYB	194, 198, 255
Decimal	12764927
CIELab	81.33, 10.54, -28.40
CIElCh	81, 30.295, 290.367
Yxy	59.0775, 0.2720, 0.2656
Android (android.graphics.Color)	4290955007 (0xFFC2C6FF)
YUV	203.3020, 25.4871, -8.1579
Hunter-Lab	76.8619, 5.9756, -25.5123

Details

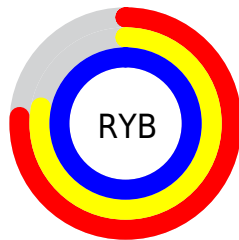
The XYZ color **60.4922, 59.0775, 102.8226** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **85.4747, 94.1487, 64.7082**, and the grayscale version is **56.8101, 59.7686, 65.0880**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **30.8138, 29.5127, 57.4985** is the 20% darker color. If you saturate the color by 10%, you get **49.4760, 45.9406, 100.8675**, and if you desaturate by 10%, it is **73.4915, 74.5112, 105.1164**.

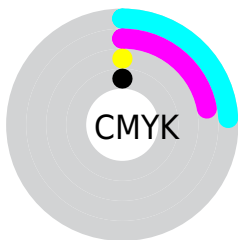
Distribution



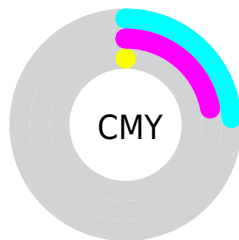
- Red (76%)
- Green (78%)
- Blue (100%)



- Red (76%)
- Yellow (78%)
- Blue (100%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.4922, 59.0775, 102.8226 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 60.4922, 59.0775, 102.8226 by changing the saturation by 10% instead.

■ 60.4922, 59.0775,
102.8226

■ 60.4922, 59.0775,
102.8226

416.2154,
421.1891, 590.5286

■ 44.0665, 42.6755,
78.0299

■ 104.6456,
103.4903, 167.1163

■ 30.9209, 29.6306,
57.5820

133.1040,
132.2699, 207.4544

■ 20.6902, 19.5584,
41.0602

166.3040,
165.9441, 253.8114

■ 13.0089, 12.0744,
28.0461

204.6110,
204.8974, 306.6058

■ 7.5117, 6.7944,
18.1210

248.3902,
249.5142, 366.2562

■ 3.8333, 3.3338,
10.8666

298.0071,

■ 1.6082, 1.3084,

300.1788, 433.1811

5.8642

353.8271,
357.2756, 507.7990

■ 0.3978, 0.1477,
2.6952

■ 0.0000, 0.0000,
0.9410

■ 60.4922, 59.0775,
102.8226

■ 60.4922, 59.0775,
102.8226

■ 49.4760, 45.9406,
100.8675

■ 73.4915, 74.5112,
105.1164

■ 40.3404, 34.9844,
99.2342

■ 88.5592, 92.3371,
107.7630

■ 32.9817, 26.0925,
97.9058

95.0500, 100.0000,
108.9000

■ 27.2839, 19.1354,
96.8632

■ 23.1173, 13.9687,
96.0856

■ 20.3327, 10.4277,
95.5488

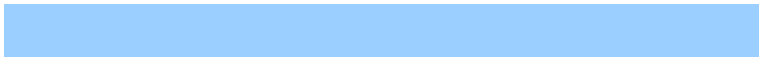
■ 18.7509, 8.3170,
95.2248

■ 18.2462, 7.6125,
95.1154

Harmonies

Analogous

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



54.1405, 59.0775, 105.1460



60.4922, 59.0775, 102.8226



66.0501, 59.0775, 89.2031

Triad

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



60.4922, 59.0775, 102.8226



64.2731, 59.0775, 41.0532



44.9925, 59.0775, 58.6705

Complementary

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



60.4922, 59.0775, 102.8226



85.4747, 94.1487, 64.7082

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.



47.2947, 59.0775, 44.5650



60.4922, 59.0775, 102.8226



58.2114, 59.0775, 35.7301

Square

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



60.4922, 59.0775, 102.8226



68.3442, 59.0775, 52.9467



52.0234, 59.0775, 36.8821



45.5025, 59.0775, 77.2276

Rectangle

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



60.4922, 59.0775, 102.8226



68.4050, 59.0775, 76.7542



52.0234, 59.0775, 36.8821



45.4562, 59.0775, 53.3164

Sweetspot

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



60.4939, 59.0798, 102.8229



83.6932, 86.5865, 106.9095



75.4110, 89.9506, 104.5995



17.7147, 18.2977, 22.8481



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.



60.4939, 59.0798, 102.8229



54.6558, 52.1259, 101.7884



66.9895, 61.0885, 102.8683



17.0987, 17.5689, 22.7399



9.5697, 4.0490, 49.7117



0.9637, 0.4581, 4.8509

Inverse Universe

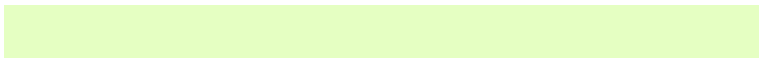
The Inverse Universe completely reimagines the original color for something new.



70.7260, 63.9223, 62.0392



66.6264, 57.8690, 54.0574



77.6733, 92.0022, 64.7050



18.0577, 18.0064, 18.9210



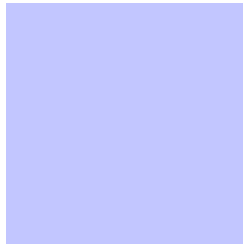
21.6185, 11.1367, 1.3758



2.1210, 1.0908, 0.2188

Previews

White Background



This preview shows how the XYZ color 60.4922, 59.0775, 102.8226 looks on a white background.

Color Contrast Check

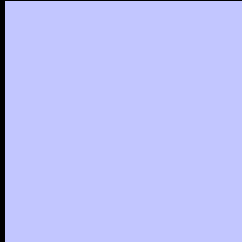
Large Text (above 18pt) WCAG AA × Fail

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 60.4922, 59.0775, 102.8226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

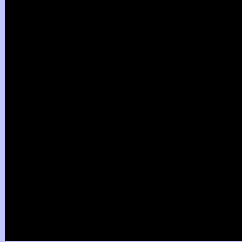
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.4922, 59.0775, 102.8226

Background



This preview shows how black text looks on a background with the XYZ color 60.4922, 59.0775, 102.8226.



This preview shows how white text looks on a background with the XYZ color 60.4922, 59.0775,

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

60.4922, 59.0775, 102.8226

Protanopia

59.4433, 59.2199, 102.9053

Deuteranopia

60.4922, 59.0775, 102.8226



Tritanopia

55.0047, 58.9178, 76.1834

Trichromacy



Original Color

60.4922, 59.0775, 102.8226

Protanomaly

59.7086, 59.0140, 102.8516

Deuteranomaly

60.4922, 59.0775, 102.8226

Tritanomaly

57.0637, 59.0714, 85.4851

Monochromacy



Original Color

60.4922, 59.0775, 102.8226

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.8909, 59.3266, 77.5072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.4922, 59.0775, 102.8226 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, 198, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 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(194, 198, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 198, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.4922, 59.0775, 102.8226 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, 198, 255) }
```


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

```
.border{ border-color:rgb(194, 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(194, 198, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 198, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 198, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 198,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.4922, 59.0775, 102.8226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 198, 255) }
```

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

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