

Converting Colors

XYZ(60.0332, 58.2356,
102.6843)

Have a look what the booklet for
XYZ(60.0332, 58.2356, 102.6843)
contains.

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Color

**XYZ(60.0381, 58.1692,
102.6712)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C4FF
RGB	194, 196, 255
RGB Percent	76%, 77%, 100%
CMY	0.2392, 0.2314, 0.0000
CMYK	0.24, 0.23, 0.00, 0.00
HSL	238°, 100%, 88%
HSV	238°, 24%, 100%
XYZ	60.0381, 58.1692, 102.6712
YIQ	202.1280, -20.1310, 17.9250

Conversions

Conversions Part 2

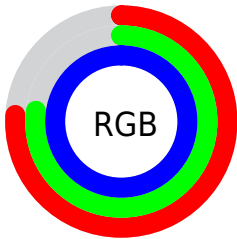
Format	Color
RYB	194, 196, 255
Decimal	12764415
CIELab	80.83, 11.63, -29.17
CIElCh	81, 31.401, 291.731
Yxy	58.1692, 0.2718, 0.2634
Android (android.graphics.Color)	4290954495 (0xFFC2C4FF)
YUV	202.1280, 26.0659, -7.1283
Hunter-Lab	76.2687, 7.0434, -26.4267

Details

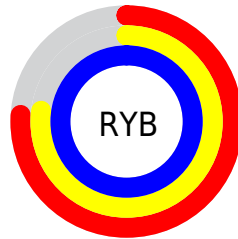
The XYZ color **60.0381, 58.1692, 102.6712** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.1029, 95.4051, 64.9177**, and the grayscale version is **56.0718, 58.9919, 64.2422**.

A 20% lighter version of the original color is **92.9589, 97.9798, 108.6203**, and **30.5135, 28.9122, 57.3985** is the 20% darker color. If you saturate the color by 10%, you get **48.9331, 44.8548, 100.6865**, and if you desaturate by 10%, it is **73.1838, 73.8958, 105.0139**.

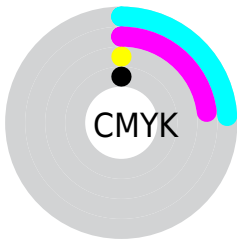
Distribution



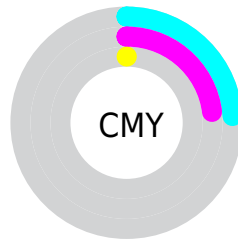
- Red (76%)
- Green (77%)
- Blue (100%)



- Red (76%)
- Yellow (77%)
- Blue (100%)



- Cyan (24%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.0381, 58.1692, 102.6712 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 60.0381, 58.1692, 102.6712 by changing the saturation by 10% instead.

60.0381, 58.1692,
102.6712

60.0381, 58.1692,
102.6712

414.5707,
417.8161, 590.0429

43.6989, 41.9447,
77.9040

103.9910,
102.1692, 166.9070

30.6308, 29.0580,
57.4791

132.3354,
130.7135, 207.2126

20.4683, 19.1247,
40.9781

165.4122,
164.1332, 253.5348

12.8461, 11.7604,
27.9824

203.5869,
202.8126, 306.2921

7.3990, 6.5808,
18.0735

247.2247,
247.1363, 365.9030

3.7614, 3.2013,
10.8328

296.6910,

1.5680, 1.2377,

297.4885, 432.7861

5.8417

352.3512,
354.2536, 507.3599

■ 0.3714, 0.0922,
2.6819

■ 0.0000, 0.0000,
0.9343

■ 60.0381, 58.1692,
102.6712

■ 60.0381, 58.1692,
102.6712

■ 48.9331, 44.8548,
100.6865

■ 73.1838, 73.8958,
105.0139

■ 39.7618, 33.8271,
99.0413

■ 88.4600, 92.1384,
107.7299

■ 32.4151, 24.9593,
97.7169

95.0500, 100.0000,
108.9000

■ 26.7711, 18.1097,
96.6923

■ 22.6928, 13.1198,
95.9441

■ 20.0225, 9.8073,
95.4454

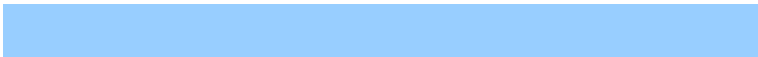
■ 18.5689, 7.9530,
95.1641

■ 18.1408, 7.4016,
95.0803

Harmonies

Analogous

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



53.5128, 58.1692, 105.6925



60.0381, 58.1692, 102.6712



65.6750, 58.1692, 88.1484

Triad

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



60.0381, 58.1692, 102.6712



63.3822, 58.1692, 39.2180



43.8360, 58.1692, 58.3346

Complementary

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



60.0381, 58.1692, 102.6712



86.1029, 95.4051, 64.9177

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.



46.0585, 58.1692, 43.6809



60.0381, 58.1692, 102.6712



57.1021, 58.1692, 34.1450

Square

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



60.0381, 58.1692, 102.6712



67.7085, 58.1692, 51.0047



50.7954, 58.1692, 35.6015



44.4878, 58.1692, 77.5109

Rectangle

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



60.0381, 58.1692, 102.6712



68.0041, 58.1692, 75.2124



50.7954, 58.1692, 35.6015



44.2651, 58.1692, 52.7813

Sweetspot

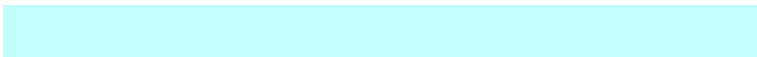
The Sweet Spot groups the original color and five complimentary colors.



60.0398, 58.1715, 102.6715



83.5228, 86.2455, 106.8527



75.7333, 90.0795, 106.2963



17.6754, 18.2191, 22.8350



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.



60.0398, 58.1715, 102.6715



54.1496, 51.1134, 101.6196



67.6104, 61.4086, 102.8973



17.0508, 17.4732, 22.7239



9.4996, 3.9088, 49.6884



0.9410, 0.4127, 4.8433

Inverse Universe

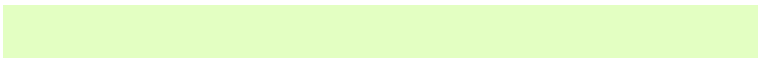
The Inverse Universe completely reimagines the original color for something new.



70.4968, 63.8307, 60.8320



66.3709, 57.7668, 52.7119



77.0300, 91.6705, 64.6751



18.0335, 17.9967, 18.7937



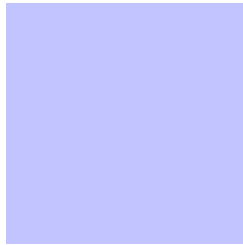
21.5832, 11.1226, 1.1895



2.1096, 1.0862, 0.1585

Previews

White Background



This preview shows how the XYZ color 60.0381, 58.1692, 102.6712 looks on a white background.

Color Contrast Check

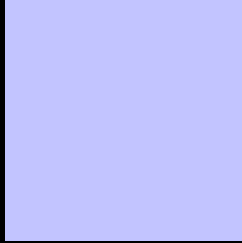
Large Text (above 18pt) WCAG AA × Fail

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 60.0381, 58.1692, 102.6712 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

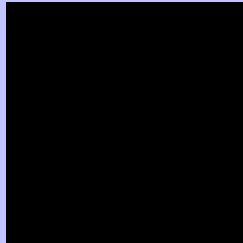
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.0381, 58.1692, 102.6712

Background



This preview shows how black text looks on a background with the XYZ color 60.0381, 58.1692, 102.6712.



This preview shows how white text looks on a background with the XYZ color 60.0381, 58.1692,

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

60.0381, 58.1692, 102.6712

Protanopia

58.4938, 58.0473, 102.7290

Deuteranopia

59.7545, 58.3590, 102.7227



Tritanopia

54.6356, 58.3911, 75.4088

Trichromacy



Original Color

60.0381, 58.1692, 102.6712

Protanomaly

59.0025, 57.9713, 102.6876

Deuteranomaly

60.0086, 58.4900, 102.7346

Tritanomaly

56.4550, 58.0819, 84.5794

Monochromacy



Original Color

60.0381, 58.1692, 102.6712

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

57.2586, 58.6711, 76.7134

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.0381, 58.1692, 102.6712 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, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 196, 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, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.0381, 58.1692, 102.6712 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, 196, 255) }
```


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

```
.border{ border-color:rgb(194, 196, 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, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 196,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.0381, 58.1692, 102.6712 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 196, 255) }
```

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

```
.background{ background-color: rgb(194,  
196, 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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