

Converting Colors

XYZ(60.8791, 58.4826,
106.0750)

Have a look what the booklet for
XYZ(60.8791, 58.4826, 106.0750)
contains.

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Color

**XYZ(60.2956, 58.3020,
102.6832)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C4FF
RGB	195, 196, 255
RGB Percent	76%, 77%, 100%
CMY	0.2353, 0.2314, 0.0000
CMYK	0.24, 0.23, 0.00, 0.00
HSL	239°, 100%, 88%
HSV	239°, 24%, 100%
XYZ	60.2956, 58.3020, 102.6832
YIQ	202.4270, -19.5350, 18.1370

Conversions

Conversions Part 2

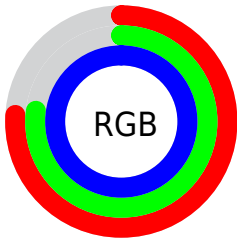
Format	Color
RYB	195, 196, 255
Decimal	12829951
CIELab	80.91, 11.92, -29.05
CIElCh	81, 31.401, 292.312
Yxy	58.3020, 0.2725, 0.2635
Android (android.graphics.Color)	4291020031 (0xFFC3C4FF)
YUV	202.4270, 25.9185, -6.5135
Hunter-Lab	76.3557, 7.3330, -26.2842

Details

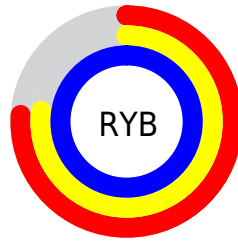
The XYZ color **60.2956, 58.3020, 102.6832** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.5320, 96.0830, 65.6166**, and the grayscale version is **56.2590, 59.1889, 64.4567**.

A 20% lighter version of the original color is **93.3202, 98.1660, 108.6372**, and **30.6813, 28.9987, 57.4063** is the 20% darker color. If you saturate the color by 10%, you get **49.0700, 44.8101, 100.6707**, and if you desaturate by 10%, it is **73.5949, 74.2687, 105.0642**.

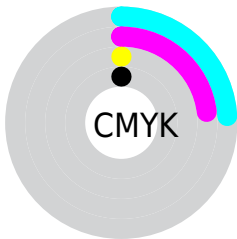
Distribution



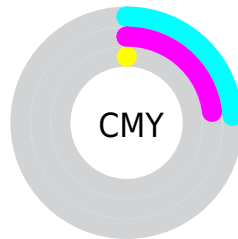
- Red (76%)
- Green (77%)
- Blue (100%)



- 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 60.2956, 58.3020, 102.6832 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 60.2956, 58.3020, 102.6832 by changing the saturation by 10% instead.

60.2956, 58.3020,
102.6832

60.2956, 58.3020,
102.6832

415.5038,
418.3103, 590.0814

43.9073, 42.0515,
77.9139

104.3623,
102.3625, 166.9236

30.7952, 29.1416,
57.4873

132.7713,
130.9413, 207.2318

20.5940, 19.1880,
40.9846

165.9181,
164.3983, 253.5568

12.9384, 11.8062,
27.9874

204.1678,
203.1179, 306.3170

7.4628, 6.6118,
18.0772

247.8859,
247.4845, 365.9310

3.8021, 3.2206,
10.8354

297.4377,

1.5908, 1.2479,

297.8825, 432.8174

5.8435

353.1885,
354.6963, 507.3947

■ 0.3864, 0.1003,
2.6829

■ 0.0000, 0.0000,
0.9348

■ 60.2956, 58.3020,
102.6832

■ 60.2956, 58.3020,
102.6832

■ 49.0700, 44.8101,
100.6707

■ 73.5949, 74.2687,
105.0642

■ 39.8087, 33.6628,
99.0072

■ 89.0594, 92.8180,
107.8295

■ 32.4005, 24.7285,
97.6731

95.0500, 100.0000,
108.9000

■ 26.7207, 17.8596,
96.6467

■ 22.6293, 12.8910,
95.9033

■ 19.9648, 9.6319,
95.4146

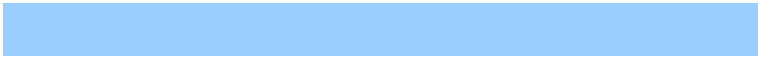
■ 18.5312, 7.8522,
95.1467

■ 18.0962, 7.3124,
95.0654

Harmonies

Analogous

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



53.7592, 58.3020, 105.9668



60.2956, 58.3020, 102.6832



65.9041, 58.3020, 87.9728

Triad

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



60.2956, 58.3020, 102.6832



63.4112, 58.3020, 39.1610



43.9291, 58.3020, 58.8122

Complementary

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



60.2956, 58.3020, 102.6832



86.5320, 96.0830, 65.6166

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.



46.1012, 58.3020, 44.0174



60.2956, 58.3020, 102.6832



57.1030, 58.3020, 34.2074

Square

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



60.2956, 58.3020, 102.6832



67.7986, 58.3020, 50.8393



50.8038, 58.3020, 35.7927



44.6381, 58.3020, 78.0617

Rectangle

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



60.2956, 58.3020, 102.6832



68.1939, 58.3020, 74.9883



50.8038, 58.3020, 35.7927



44.3402, 58.3020, 53.2155

Sweetspot

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



60.2973, 58.3043, 102.6836



83.4392, 86.0784, 106.8248



75.9961, 90.2143, 106.3363



17.6562, 18.1805, 22.8286



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.



60.2973, 58.3043, 102.6836



55.0269, 51.9719, 101.7391



67.9976, 61.9397, 102.9794



17.0273, 17.4263, 22.7161



9.4662, 3.8419, 49.6772



0.9299, 0.3904, 4.8396

Inverse Universe

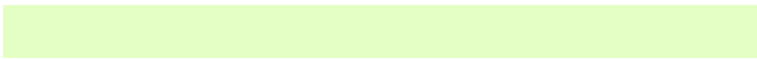
The Inverse Universe completely reimagines the original color for something new.



70.7200, 64.2772, 60.9065



67.0325, 58.8690, 53.6136



77.2896, 91.7914, 65.2754



18.0217, 17.9920, 18.7314



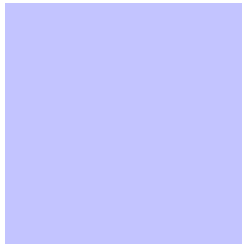
21.5663, 11.1158, 1.1006



2.1040, 1.0840, 0.1289

Previews

White Background



This preview shows how the XYZ color 60.2956, 58.3020, 102.6832 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 60.2956, 58.3020, 102.6832 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 60.2956, 58.3020, 102.6832

Background



This preview shows how black text looks on a background with the XYZ color 60.2956, 58.3020, 102.6832.

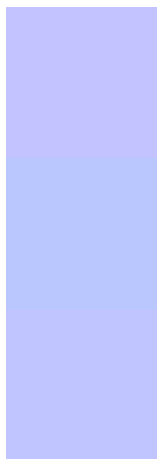


This preview shows how white text looks on a background with the XYZ color 60.2956, 58.3020,

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

60.2956, 58.3020, 102.6832

Protanopia

58.7231, 58.5060, 102.8055

Deuteranopia

59.7545, 58.3590, 102.7227



Tritanopia

54.8812, 58.5177, 75.4203

Trichromacy



Original Color

60.2956, 58.3020, 102.6832

Protanomaly

59.2303, 58.4270, 102.7635

Deuteranomaly

60.0086, 58.4900, 102.7346

Tritanomaly

56.7056, 58.2111, 84.5911

Monochromacy



Original Color

60.2956, 58.3020, 102.6832

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 60.2956, 58.3020, 102.6832 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(195, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(195, 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(195, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 196, 255) }
```

Border

The CSS property to change the border of an element to XYZ 60.2956, 58.3020, 102.6832 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(195, 196, 255) }
```


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

```
.border{ border-color:rgb(195, 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(195, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(195, 196,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 60.2956, 58.3020, 102.6832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 196, 255) }
```

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

```
.background{ background-color: rgb(195,  
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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