

Converting Colors

XYZ(60.8476, 58.9554,
100.1248)

Have a look what the booklet for
XYZ(60.8476, 58.9554, 100.1248)
contains.

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Color

**XYZ(60.8256, 58.9665,
100.2713)**

Conversions

Conversions Part 1

Format	Color
Hex	C6C5FC
RGB	198, 197, 252
RGB Percent	78%, 77%, 99%
CMY	0.2235, 0.2274, 0.0118
CMYK	0.21, 0.22, 0.00, 0.01
HSL	241°, 90%, 88%
HSV	241°, 22%, 99%
XYZ	60.8256, 58.9665, 100.2713
YIQ	203.5690, -17.0590, 17.3170

Conversions

Conversions Part 2

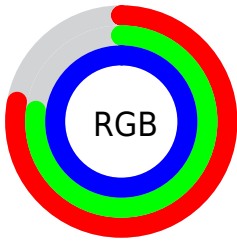
Format	Color
RYB	198, 197, 252
Decimal	13026812
CIELab	81.27, 11.60, -26.87
CIELCh	81, 29.265, 293.342
Yxy	58.9665, 0.2764, 0.2680
Android (android.graphics.Color)	4291216892 (0xFFC6C5FC)
YUV	203.5690, 23.8765, -4.8840
Hunter-Lab	76.7896, 7.0092, -23.6676

Details

The XYZ color **60.8256, 58.9665, 100.2713** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.6739, 94.1627, 66.5383**, and the grayscale version is **56.9861, 59.9538, 65.2897**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **31.0005, 29.4247, 55.6754** is the 20% darker color. If you saturate the color by 10%, you get **49.5773, 45.3728, 98.2413**, and if you desaturate by 10%, it is **74.0994, 75.0270, 102.6727**.

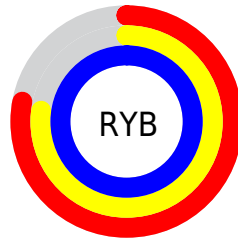
Distribution



Red (78%)

Green (77%)

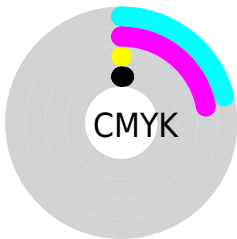
Blue (99%)



Red (78%)

Yellow (77%)

Blue (99%)

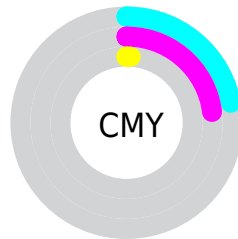


Cyan (21%)

Magenta (22%)

Yellow (0%)

Black (1%)



Cyan (22%)

Magenta (23%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 60.8256, 58.9665, 100.2713 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 60.8256, 58.9665, 100.2713 by changing the saturation by 10% instead.

■ 60.8256, 58.9665,
100.2713

■ 60.8256, 58.9665,
100.2713

417.4204,
420.7778, 582.3162

■ 44.3364, 42.5862,
75.9090

105.1259,
103.3290, 163.5851

■ 31.1341, 29.5605,
55.8517

133.6678,
132.0799, 203.3736

■ 20.8533, 19.5053,
39.6808

166.9580,
165.7231, 249.1414

■ 13.1287, 12.0359,
26.9779

205.3617,
204.6431, 301.3068

■ 7.5948, 6.7682,
17.3243

249.2445,
249.2241, 360.2884

■ 3.8864, 3.3175,
10.3016

298.9717,

■ 1.6381, 1.2997,

299.8506, 426.5049

5.4912

354.9085,
356.9070, 500.3746

■ 0.4170, 0.1409,
2.4745

■ 0.0000, 0.0000,
0.8266

■ 60.8256, 58.9665,
100.2713

■ 60.8256, 58.9665,
100.2713

■ 49.5773, 45.3728,
98.2413

■ 74.0994, 75.0270,
102.6727

■ 40.2497, 34.1171,
96.5603

■ 89.4855, 93.6605,
105.4583

■ 32.7371, 25.0698,
95.2100

■ 94.5709, 99.8084,
106.3770

■ 26.9215, 18.0858,
94.1684

■ 22.6707, 13.0027,
93.4113

■ 19.8334, 9.6337,
92.9106

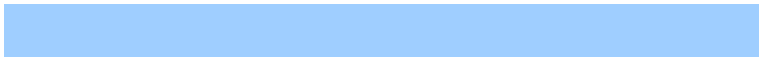
■ 18.2279, 7.7544,
92.6325

■ 17.6281, 7.0579,
92.5297

Harmonies

Analogous

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



54.6963, 58.9665, 103.7077



60.8256, 58.9665, 100.2713



65.9973, 58.9665, 86.4335

Triad

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



60.8256, 58.9665, 100.2713



63.3484, 58.9665, 40.8403



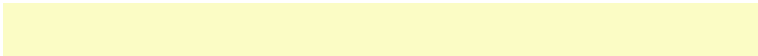
45.1789, 58.9665, 60.3863

Complementary

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



60.8256, 58.9665, 100.2713



84.6739, 94.1627, 66.5383

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.



47.1487, 58.9665, 46.1563



60.8256, 58.9665, 100.2713



57.4175, 58.9665, 36.2730

Square

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



60.8256, 58.9665, 100.2713



67.5262, 58.9665, 51.7869



51.5234, 58.9665, 38.0256



45.9466, 58.9665, 78.4635

Rectangle

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



60.8256, 58.9665, 100.2713



68.0575, 58.9665, 74.3287



51.5234, 58.9665, 38.0256



45.5379, 58.9665, 55.0441

Sweetspot

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



60.8275, 58.9689, 100.2726



83.4612, 85.9615, 106.8011



75.1215, 87.9465, 105.1125



17.6612, 18.1536, 22.8231



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.



60.8275, 58.9689, 100.2726



57.3943, 54.4210, 102.0870



68.7203, 63.0378, 100.6420



16.3122, 16.6580, 21.7409



9.1957, 3.6832, 48.1998



0.8616, 0.3463, 4.4646

Inverse Universe

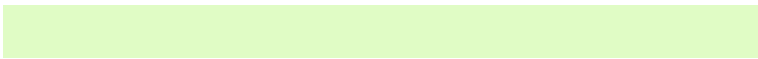
The Inverse Universe completely reimagines the original color for something new.



77.5255, 67.5953, 100.2302



77.2299, 64.6690, 102.0069



75.5016, 89.4342, 66.1090



17.9787, 17.5188, 21.7433



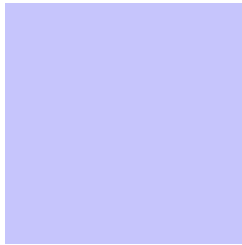
29.6978, 14.2949, 47.2447



2.7548, 1.3256, 4.3980

Previews

White Background



This preview shows how the XYZ color 60.8256, 58.9665, 100.2713 looks on a white background.

Color Contrast Check

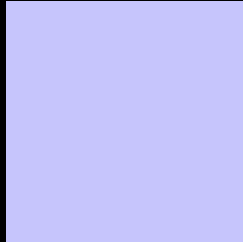
Large Text (above 18pt) WCAG AA × Fail

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 60.8256, 58.9665, 100.2713 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

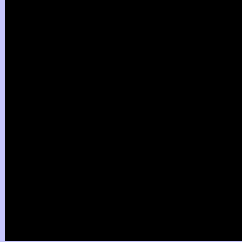
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 60.8256, 58.9665, 100.2713

Background



This preview shows how black text looks on a background with the XYZ color 60.8256, 58.9665, 100.2713.



This preview shows how white text looks on a background with the XYZ color 60.8256, 58.9665,

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

60.8256, 58.9665, 100.2713

Protanopia

59.2827, 59.1557, 102.0596

Deuteranopia

60.5297, 59.1522, 100.3227



Tritanopia

55.8803, 59.0328, 75.4671

Trichromacy



Original Color

60.8256, 58.9665, 100.2713

Protanomaly

59.8913, 59.1452, 101.1881

Deuteranomaly

60.7907, 59.2868, 100.3349

Tritanomaly

57.5586, 59.0121, 83.9581

Monochromacy



Original Color

60.8256, 58.9665, 100.2713

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.2949, 59.5503, 76.8285

CSS Examples

Text

The CSS property to change the color of the text to XYZ 60.8256, 58.9665, 100.2713 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(198, 197, 252)` looks like.

```
.text, #text, p{  
    color:rgb(198, 197, 252)  
}
```

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(198, 197, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 197, 252) }
```

Border

The CSS property to change the border of an element to XYZ 60.8256, 58.9665, 100.2713 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(198, 197, 252) }
```


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

```
.border{ border-color:rgb(198, 197, 252) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(198, 197, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 197, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 197, 252);  
box-shadow:4px 4px 4px 4px rgb(198, 197,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 60.8256, 58.9665, 100.2713 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 197, 252) }
```

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

```
.background{ background-color: rgb(198,  
197, 252) }
```

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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