

Converting Colors

XYZ(58.0369, 52.5175,
101.6858)

Have a look what the booklet for
XYZ(58.0369, 52.5175, 101.6858)
contains.

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Color

**XYZ(58.0667, 52.6817,
101.7159)**

Conversions

Conversions Part 1

Format	Color
Hex	C6B6FF
RGB	198, 182, 255
RGB Percent	78%, 71%, 100%
CMY	0.2235, 0.2863, 0.0000
CMYK	0.22, 0.29, 0.00, 0.00
HSL	253°, 100%, 86%
HSV	253°, 29%, 100%
XYZ	58.0667, 52.6817, 101.7159
YIQ	195.1060, -13.8970, 26.0950

Conversions

Conversions Part 2

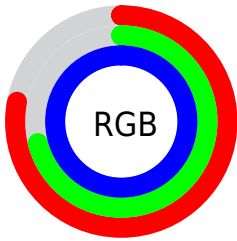
Format	Color
RYB	198, 182, 255
Decimal	13022975
CIELab	77.69, 20.44, -33.98
CIELCh	78, 39.656, 301.025
Yxy	52.6817, 0.2733, 0.2480
Android (android.graphics.Color)	4291213055 (0xFFC6B6FF)
YUV	195.1060, 29.5277, 2.5380
Hunter-Lab	72.5822, 15.7836, -32.2809

Details

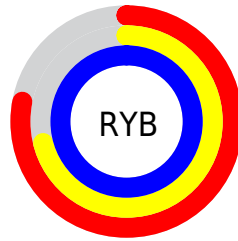
The XYZ color **58.0667, 52.6817, 101.7159** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **79.8009, 93.2485, 58.0510**, and the grayscale version is **51.7719, 54.4681, 59.3157**.

A 20% lighter version of the original color is **89.8645, 89.6291, 107.1715**, and **29.3710, 25.6174, 56.8227** is the 20% darker color. If you saturate the color by 10%, you get **48.4045, 40.6423, 99.9013**, and if you desaturate by 10%, it is **69.3729, 66.9825, 103.8803**.

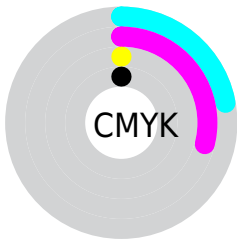
Distribution



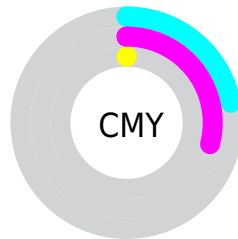
- Red (78%)
- Green (71%)
- Blue (100%)



- Red (78%)
- Yellow (71%)
- Blue (100%)



- Cyan (22%)
- Magenta (29%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (29%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0667, 52.6817, 101.7159 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 58.0667, 52.6817, 101.7159 by changing the saturation by 10% instead.

■ 58.0667, 52.6817,
101.7159

■ 58.0667, 52.6817,
101.7159

407.3843,
397.0627, 586.9737

■ 42.1057, 37.5487,
77.1095

■ 101.1424, 94.1358,
165.5856

■ 29.3756, 25.6326,
56.8306

128.9878,
121.2258, 205.6860

■ 19.5108, 16.5490,
40.4608

161.5255,
153.0702, 251.7881

■ 12.1462, 9.9135,
27.5815

199.1207,
190.0534, 304.3105

■ 6.9162, 5.3416,
17.7741

242.1388,
232.5599, 363.6718

■ 3.4556, 2.4491,
10.6202

290.9452,

■ 1.3990, 0.8510,

280.9740, 430.2903

5.7011

345.9053,
335.6802, 504.5848

■ 0.2555, 0.0000,
2.5984

■ 0.0000, 0.0000,
0.8916

■ 58.0667, 52.6817,
101.7159

■ 58.0667, 52.6817,
101.7159

■ 48.4045, 40.6423,
99.9013

■ 69.3729, 66.9825,
103.8803

■ 40.3030, 30.7412,
98.4172

■ 82.3913, 83.6470,
106.4107

■ 33.6790, 22.8525,
97.2436

95.0500, 100.0000,
108.9000

■ 28.4390, 16.8347,
96.3583

■ 24.4782, 12.5272,
95.7356

■ 21.6755, 9.7414,
95.3456

■ 19.8696, 8.2145,
95.1461

■ 19.6747, 8.0576,
95.1260

Harmonies

Analogous

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



50.3366, 52.6817, 110.8189



58.0667, 52.6817, 101.7159



64.1178, 52.6817, 80.3580

Triad

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



58.0667, 52.6817, 101.7159



57.5639, 52.6817, 27.7719



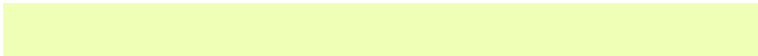
36.7240, 52.6817, 58.1201

Complementary

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



58.0667, 52.6817, 101.7159



79.8009, 93.2485, 58.0510

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.



38.2442, 52.6817, 39.2329



58.0667, 52.6817, 101.7159



49.8091, 52.6817, 24.6410

Square

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



58.0667, 52.6817, 101.7159



63.8073, 52.6817, 38.2259



42.8477, 52.6817, 28.2402



38.4651, 52.6817, 82.0073

Rectangle

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



58.0667, 52.6817, 101.7159



66.1023, 52.6817, 64.2082



42.8477, 52.6817, 28.2402



36.8691, 52.6817, 51.0196

Sweetspot

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



58.0683, 52.6837, 101.7162



81.8725, 82.9797, 106.3093



68.2628, 79.0065, 106.2597



17.0974, 17.2126, 22.6712



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.



58.0683, 52.6837, 101.7162



52.6757, 45.9392, 100.6986



68.8149, 58.2238, 102.2191



17.3752, 17.5696, 22.7255



10.3830, 4.2631, 49.7102



1.0990, 0.4605, 4.8442

Inverse Universe

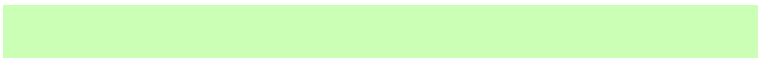
The Inverse Universe completely reimagines the original color for something new.



73.5489, 60.9496, 89.5502



70.4380, 55.4321, 86.3419



68.7472, 87.5501, 57.5337



18.6122, 18.2282, 21.8410



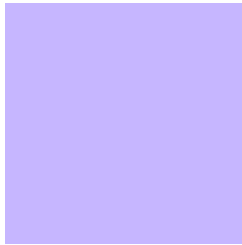
27.0002, 13.2894, 29.7152



2.6691, 1.3100, 3.1047

Previews

White Background



This preview shows how the XYZ color 58.0667, 52.6817, 101.7159 looks on a white background.

Color Contrast Check

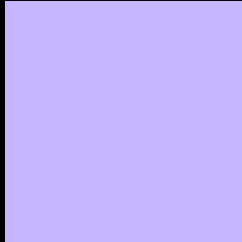
Large Text (above 18pt) WCAG AA × Fail

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 58.0667, 52.6817, 101.7159 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

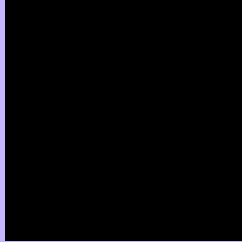
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0667, 52.6817, 101.7159

Background



This preview shows how black text looks on a background with the XYZ color 58.0667, 52.6817, 101.7159.

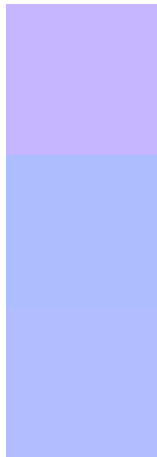


This preview shows how white text looks on a background with the XYZ color 58.0667, 52.6817,

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

58.0667, 52.6817, 101.7159

Protanopia

53.6970, 52.9311, 101.9943

Deuteranopia

54.2185, 52.8981, 101.1187



Tritanopia

50.7576, 52.5367, 65.8579

Trichromacy



Original Color

58.0667, 52.6817, 101.7159

Protanomaly

55.1117, 52.7057, 101.8763

Deuteranomaly

55.4559, 52.5879, 100.9936

Tritanomaly

53.1760, 52.5547, 77.8624

Monochromacy



Original Color

58.0667, 52.6817, 101.7159

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

53.7028, 53.5724, 73.1557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0667, 52.6817, 101.7159 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, 182, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 182, 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(198, 182, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 182, 255) }
```

Border

The CSS property to change the border of an element to XYZ 58.0667, 52.6817, 101.7159 is called "border". The border property can be set on classes, ids or directly on the HTML element.

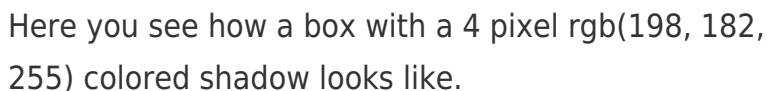
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(198, 182, 255) }
```


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

```
.border{ border-color:rgb(198, 182, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(198, 182, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 182, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 182, 255); box-shadow:4px 4px 4px 4px rgb(198, 182, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0667, 52.6817, 101.7159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 182, 255) }
```

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

```
.background{ background-color: rgb(198,  
182, 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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