

Converting Colors

XYZ(71.2943, 56.4984,
165.2083)

Have a look what the booklet for
XYZ(71.2943, 56.4984, 165.2083)
contains.

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Color

**XYZ(59.2257, 51.7861,
101.4819)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CEB1FF |
| RGB | 206, 177, 255 |
| RGB Percent | 81%, 69%, 100% |
| CMY | 0.1921, 0.3059, 0.0000 |
| CMYK | 0.19, 0.31, 0.00, 0.00 |
| HSL | 262°, 100%, 85% |
| HSV | 262°, 31%, 100% |
| XYZ | 59.2257, 51.7861, 101.4819 |
| YIQ | 194.5630, -7.7540, 30.4060 |

Conversions

Conversions Part 2

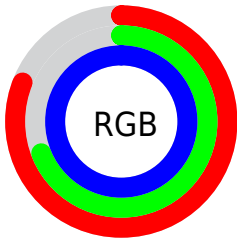
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 206, 177, 255 |
| Decimal | 13545983 |
| CIE Lab | 77.15, 25.54, -34.75 |
| CIE LCh | 77, 43.131, 306.317 |
| Yxy | 51.7861, 0.2787, 0.2437 |
| Android (android.graphics.Color) | 4291736063 (0xFFCEB1FF) |
| YUV | 194.5630, 29.7954, 10.0302 |
| Hunter-Lab | 71.9626, 20.9723, -33.2372 |

Details

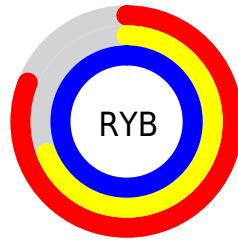
The XYZ color **59.2257, 51.7861, 101.4819** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **75.0608, 90.8635, 55.1795**, and the grayscale version is **51.4453, 54.1244, 58.9415**.

A 20% lighter version of the original color is **88.4289, 86.7578, 106.6930**, and **30.1632, 25.0718, 56.6757** is the 20% darker color. If you saturate the color by 10%, you get **50.4290, 40.4609, 99.7596**, and if you desaturate by 10%, it is **69.4199, 65.2311, 103.5398**.

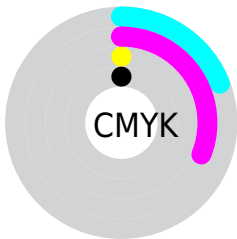
Distribution



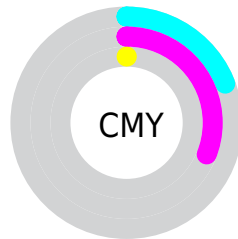
- Red (81%)
- Green (69%)
- Blue (100%)



- Red (81%)
- Yellow (69%)
- Blue (100%)



- Cyan (19%)
- Magenta (31%)
- Yellow (0%)
- Black (0%)





- Cyan (19%)
- Magenta (31%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 59.2257, 51.7861, 101.4819 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 59.2257, 51.7861, 101.4819 by changing the saturation by 10% instead.


 59.2257, 51.7861,
101.4819

 59.2257, 51.7861,
101.4819


411.6184,
393.6103, 586.2206

 43.0419, 36.8346,
76.9149

 102.8184, 92.8157,
165.2618

 30.1127, 25.0795,
56.6719


130.9580,
119.6626, 205.3118

 20.0726, 16.1363,
40.3343


163.8135,
151.2434, 251.3598

 12.5564, 9.6206,
27.4835

201.7504,
187.9426, 303.8246

 7.1987, 5.1482,
17.7011

245.1340,
230.1445, 363.1245

 3.6341, 2.3345,
10.5684

294.3296,

 1.4973, 0.7919,

278.2334, 429.6781

5.6669

349.7027,
332.5939, 503.9039

■ 0.3240, 0.0000,
2.5781

■ 0.0000, 0.0000,
0.8811

■ 59.2257, 51.7861,
101.4819

■ 59.2257, 51.7861,
101.4819

■ 50.4290, 40.4609,
99.7596

■ 69.4199, 65.2311,
103.5398

■ 42.9589, 31.1373,
98.3537

■ 81.0683, 80.8934,
105.9490

■ 36.7453, 23.6949,
97.2446

■ 94.2298, 98.8716,
108.7254

■ 31.7089, 17.9969,
96.4103

■ 95.0500, 100.0000,
108.9000

■ 27.7599, 13.8875,
95.8252

■ 24.7930, 11.1812,
95.4592

■ 22.7493, 9.6426,
95.2699

Harmonies

Analogous

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



50.9870, 51.7861, 114.6625



59.2257, 51.7861, 101.4819



65.2231, 51.7861, 76.6730

Triad

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



59.2257, 51.7861, 101.4819



55.8715, 51.7861, 24.1770



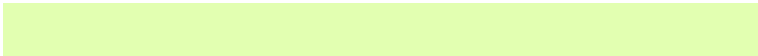
35.0787, 51.7861, 61.5334

Complementary

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



59.2257, 51.7861, 101.4819



75.0608, 90.8635, 55.1795

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.



36.0771, 51.7861, 40.0363



59.2257, 51.7861, 101.4819



47.4965, 51.7861, 22.2140

Square

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



59.2257, 51.7861, 101.4819



63.1403, 51.7861, 33.5341



40.4119, 51.7861, 27.1318



37.5145, 51.7861, 87.7966

Rectangle

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



59.2257, 51.7861, 101.4819



66.8079, 51.7861, 59.3554



40.4119, 51.7861, 27.1318



35.0281, 51.7861, 53.5178

Sweetspot

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



59.2273, 51.7881, 101.4822



83.0540, 83.5888, 106.3646



63.4881, 71.1790, 105.0005



17.3869, 17.3619, 22.6847



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.



59.2273, 51.7881, 101.4822



53.4282, 44.2870, 100.3400



71.2900, 58.0067, 102.0468



17.6409, 17.7066, 22.7379



12.0378, 5.1162, 49.7876



1.2880, 0.5579, 4.8531

Inverse Universe

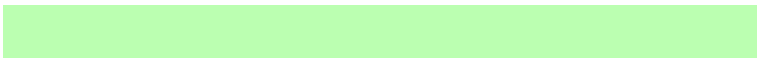
The Inverse Universe completely reimagines the original color for something new.



70.6907, 58.1971, 79.4601



66.8316, 51.7907, 74.1298



64.2887, 85.3103, 54.6754



18.4894, 18.1791, 21.1945



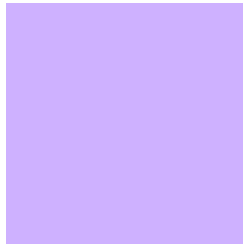
24.9477, 12.4684, 18.9071



2.4820, 1.2352, 2.1194

Previews

White Background



This preview shows how the XYZ color 59.2257, 51.7861, 101.4819 looks on a white background.

Color Contrast Check

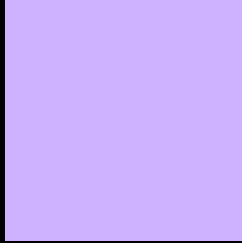
Large Text (above 18pt) WCAG AA × Fail

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 59.2257, 51.7861, 101.4819 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 59.2257, 51.7861, 101.4819

Background



This preview shows how black text looks on a background with the XYZ color 59.2257, 51.7861, 101.4819.



This preview shows how white text looks on a background with the XYZ color 59.2257, 51.7861,

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

59.2257, 51.7861, 101.4819

Protanopia

52.8278, 51.8444, 101.8304

Deuteranopia

53.3920, 52.1722, 100.1847



Tritanopia

51.4570, 51.6752, 63.1394

Trichromacy



Original Color

59.2257, 51.7861, 101.4819

Protanomaly

54.9577, 51.6913, 101.6886

Deuteranomaly

55.2796, 51.8758, 100.8654

Tritanomaly

53.8040, 51.3668, 75.4856

Monochromacy



Original Color

59.2257, 51.7861, 101.4819

Achromatopsia

51.8711, 54.5724, 59.4294

Achromatomaly

54.0608, 53.1183, 73.0492

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2257, 51.7861, 101.4819 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(206, 177, 255)` looks like.

```
.text, #text, p{  
    color:rgb(206, 177, 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(206, 177, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 177, 255) }
```

Border

The CSS property to change the border of an element to XYZ 59.2257, 51.7861, 101.4819 is called "border". The border property can be set on classes, ids or directly on the HTML element.

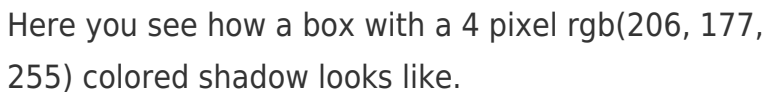
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 177, 255) }
```


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

```
.border{ border-color:rgb(206, 177, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 177, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 177, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 177, 255);  
box-shadow:4px 4px 4px 4px rgb(206, 177,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2257, 51.7861, 101.4819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 177, 255) }
```

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

```
.background{ background-color: rgb(206,  
177, 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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