

Converting Colors

XYZ(58.0300, 53.3531,
101.8474)

Have a look what the booklet for
XYZ(58.0300, 53.3531, 101.8474)
contains.

XYZ(57.9554, 53.2367, 101.8289)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.9554, 53.2367,
101.8289)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B8FF
RGB	196, 184, 255
RGB Percent	77%, 72%, 100%
CMY	0.2314, 0.2784, 0.0000
CMYK	0.23, 0.28, 0.00, 0.00
HSL	250°, 100%, 86%
HSV	250°, 28%, 100%
XYZ	57.9554, 53.2367, 101.8289
YIQ	195.6820, -15.6390, 24.6250

Conversions

Conversions Part 2

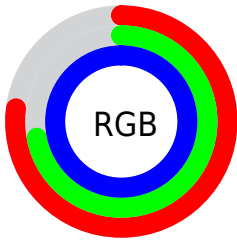
Format	Color
R _Y B	196, 184, 255
Decimal	12892415
CIE Lab	78.01, 18.75, -33.49
CIE LCh	78, 38.384, 299.249
Yxy	53.2367, 0.2721, 0.2499
Android (android.graphics.Color)	4291082495 (0xFFC4B8FF)
YUV	195.6820, 29.2438, 0.2789
Hunter-Lab	72.9635, 14.0977, -31.6715

Details

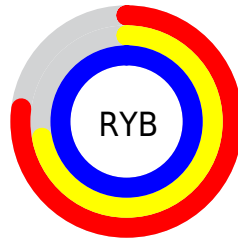
The XYZ color **57.9554, 53.2367, 101.8289** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3747, 94.0357, 59.2114**, and the grayscale version is **52.1175, 54.8317, 59.7117**.

A 20% lighter version of the original color is **89.7181, 90.4228, 107.3324**, and **29.2938, 25.9725, 56.8953** is the 20% darker color. If you saturate the color by 10%, you get **48.0001, 40.9383, 99.9797**, and if you desaturate by 10%, it is **69.6470, 67.8499, 104.0333**.

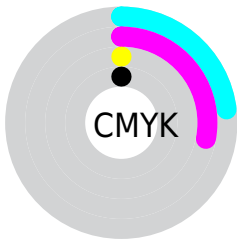
Distribution



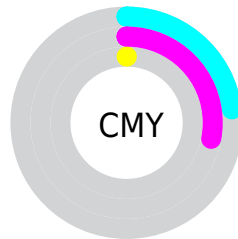
- Red (77%)
- Green (72%)
- Blue (100%)



- Red (77%)
- Yellow (72%)
- Blue (100%)



- Cyan (23%)
- Magenta (28%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (28%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.9554, 53.2367, 101.8289 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 57.9554, 53.2367, 101.8289 by changing the saturation by 10% instead.

■ 57.9554, 53.2367,
101.8289

■ 57.9554, 53.2367,
101.8289

406.9763,
399.1926, 587.3372

■ 42.0159, 37.9918,
77.2034

■ 100.9812, 94.9526,
165.7420

■ 29.3049, 25.9763,
56.9073

128.7983,
122.1923, 205.8667

■ 19.4570, 16.8059,
40.5220

161.3053,
154.1991, 251.9949

■ 12.1070, 10.0962,
27.6289

198.8675,
191.3573, 304.5451

■ 6.8893, 5.4628,
17.8095

241.8504,
234.0514, 363.9359

■ 3.4387, 2.5213,
10.6453

290.6192,

■ 1.3898, 0.8873,

282.6657, 430.5859

5.7177

345.5394,
337.5846, 504.9134

■ 0.2489, 0.0000,
2.6082

■ 0.0000, 0.0000,
0.8967

■ 57.9554, 53.2367,
101.8289

■ 57.9554, 53.2367,
101.8289

■ 48.0001, 40.9383,
99.9797

■ 69.6470, 67.8499,
104.0333

■ 39.6927, 30.8292,
98.4663

■ 83.1482, 84.8825,
106.6093

■ 32.9438, 22.7812,
97.2686

95.0500, 100.0000,
108.9000

■ 27.6536, 16.6504,
96.3641

■ 23.7102, 12.2737,
95.7271

■ 20.9845, 9.4603,
95.3278

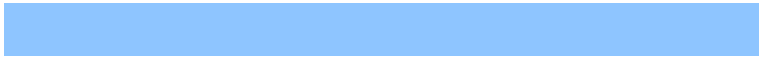
■ 19.3132, 7.9599,
95.1262

■ 19.0503, 7.7357,
95.0968

Harmonies

Analogous

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



50.4116, 53.2367, 109.6599



57.9554, 53.2367, 101.8289



63.9898, 53.2367, 81.6731

Triad

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



57.9554, 53.2367, 101.8289



58.3135, 53.2367, 29.2901



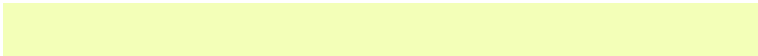
37.5414, 53.2367, 57.4275

Complementary

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



57.9554, 53.2367, 101.8289



81.3747, 94.0357, 59.2114

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.



39.2217, 53.2367, 39.3570



57.9554, 53.2367, 101.8289



50.7886, 53.2367, 25.7704

Square

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



57.9554, 53.2367, 101.8289



64.2105, 53.2367, 40.0837



43.8946, 53.2367, 28.9489



39.0628, 53.2367, 80.5035

Rectangle

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



57.9554, 53.2367, 101.8289



66.0813, 53.2367, 65.9917



43.8946, 53.2367, 28.9489



37.7476, 53.2367, 50.6184

Sweetspot

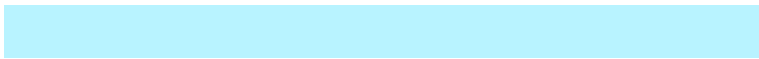
The Sweet Spot groups the original color and five complimentary colors.



57.9570, 53.2388, 101.8292



82.9199, 84.5933, 106.5655



69.9188, 81.6122, 106.6754



17.2890, 17.5252, 22.7214



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.



57.9570, 53.2388, 101.8292



52.6095, 46.6124, 100.8320



68.2544, 58.5473, 102.3111



17.2890, 17.5252, 22.7214



10.0373, 4.0849, 49.6940



1.0534, 0.4369, 4.8421

Inverse Universe

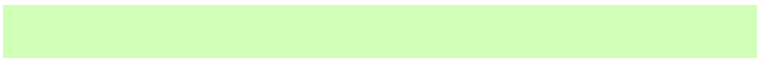
The Inverse Universe completely reimagines the original color for something new.



74.5591, 62.0138, 92.8351



71.6186, 56.6668, 90.2084



70.3317, 88.3429, 58.6946



18.6531, 18.2445, 22.0563



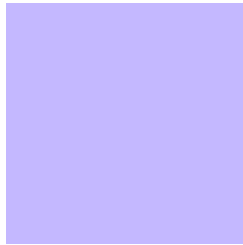
27.8005, 13.6095, 33.9295



2.7402, 1.3384, 3.4792

Previews

White Background



This preview shows how the XYZ color 57.9554, 53.2367, 101.8289 looks on a white background.

Color Contrast Check

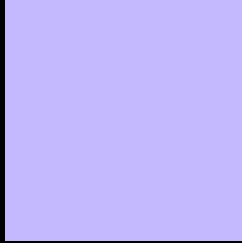
Large Text (above 18pt) WCAG AA × Fail

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 57.9554, 53.2367, 101.8289 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

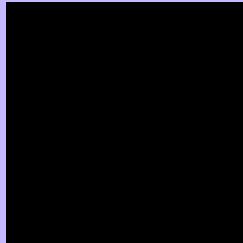
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.9554, 53.2367, 101.8289

Background



This preview shows how black text looks on a background with the XYZ color 57.9554, 53.2367, 101.8289.

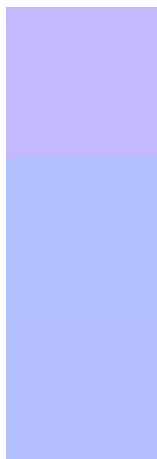


This preview shows how white text looks on a background with the XYZ color 57.9554, 53.2367,

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

57.9554, 53.2367, 101.8289

Protanopia

54.3600, 53.5956, 102.0876

Deuteranopia

54.6629, 53.4476, 101.2013



Tritanopia

50.9486, 53.2588, 67.2692

Trichromacy



Original Color

57.9554, 53.2367, 101.8289

Protanomaly

55.5617, 53.2537, 101.9583

Deuteranomaly

55.8802, 53.4365, 101.1350

Tritanomaly

53.2393, 53.2103, 78.6988

Monochromacy



Original Color

57.9554, 53.2367, 101.8289

Achromatopsia

52.4687, 55.2011, 60.1140

Achromatomaly

54.1390, 54.4448, 73.3011

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.9554, 53.2367, 101.8289 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(196, 184, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 184, 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(196, 184, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 184, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.9554, 53.2367, 101.8289 is called "border". The border property can be set on classes, ids or directly on the HTML element.

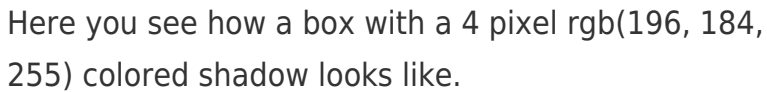
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 184, 255) }
```


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

```
.border{ border-color:rgb(196, 184, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 184, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 184, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 184, 255); box-shadow:4px 4px 4px 4px rgb(196, 184, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.9554, 53.2367, 101.8289 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 184, 255) }
```

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

```
.background{ background-color: rgb(196,  
184, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor