

Converting Colors

XYZ(57.4164, 47.7578,
100.7671)

Have a look what the booklet for
XYZ(57.4164, 47.7578, 100.7671)
contains.

XYZ(57.4183, 47.7578, 100.7996)	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(57.4183, 47.7578,
100.7996)**

Conversions

Conversions Part 1

Format	Color
Hex	CFA6FF
RGB	207, 166, 255
RGB Percent	81%, 65%, 100%
CMY	0.1882, 0.3490, 0.0000
CMYK	0.19, 0.35, 0.00, 0.00
HSL	268°, 100%, 83%
HSV	268°, 35%, 100%
XYZ	57.4183, 47.7578, 100.7996
YIQ	188.4050, -4.1330, 36.3710

Conversions

Conversions Part 2

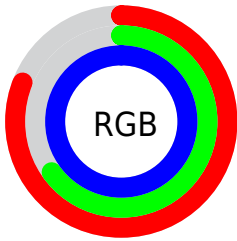
Format	Color
R _Y B	207, 166, 255
Decimal	13608703
CIE Lab	74.67, 31.85, -38.59
CIE LCh	75, 50.037, 309.532
Yxy	47.7578, 0.2788, 0.2319
Android (android.graphics.Color)	4291798783 (0xFFCFA6FF)
YUV	188.4050, 32.8313, 16.3078
Hunter-Lab	69.1070, 27.3713, -38.1056

Details

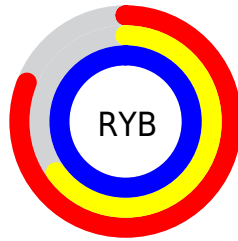
The XYZ color **57.4183, 47.7578, 100.7996** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **70.3753, 88.5697, 49.4648**, and the grayscale version is **47.8523, 50.3443, 54.8250**.

A 20% lighter version of the original color is **85.1465, 80.1929, 105.5988**, and **28.9729, 22.6912, 56.2789** is the 20% darker color. If you saturate the color by 10%, you get **49.5580, 37.4941, 99.2328**, and if you desaturate by 10%, it is **66.5353, 60.0356, 102.6890**.

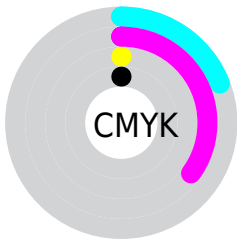
Distribution



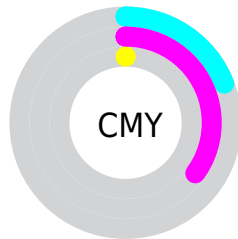
- Red (81%)
- Green (65%)
- Blue (100%)



- Red (81%)
- Yellow (65%)
- Blue (100%)



- Cyan (19%)
- Magenta (35%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (35%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 57.4183, 47.7578, 100.7996 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 57.4183, 47.7578, 100.7996 by changing the saturation by 10% instead.


 57.4183, 47.7578,
100.7996

 57.4183, 47.7578,
100.7996


405.0038,
377.8313, 584.0218

 41.5826, 33.6351,
76.3479


 100.2031, 86.8437,
164.3170

 28.9643, 22.6134,
56.2095

 127.8830,
112.5757, 204.2198

 19.1980, 14.3083,
39.9658

160.2416,
142.9462, 250.1101

 11.9183, 8.3354,
27.1983

197.6444,
178.3398, 302.4063

 6.7598, 4.3103,
17.4884

240.4566,
219.1406, 361.5270

 3.3574, 1.8486,
10.4177

289.0437,

 1.3454, 0.5172,

265.7332, 427.8908

5.5676

343.7710,
318.5020, 501.9162

■ 0.2168, 0.0000,
2.5195

■ 0.0000, 0.0000,
0.8504

■ 57.4183, 47.7578,
100.7996

■ 57.4183, 47.7578,
100.7996

■ 49.5580, 37.4941,
99.2328

■ 66.5353, 60.0356,
102.6890

■ 42.8867, 29.1254,
97.9691

■ 76.9626, 74.4263,
104.9171

■ 37.3368, 22.5283,
96.9883

■ 88.7563, 91.0289,
107.5001

■ 32.8310, 17.5619,
96.2671

95.0500, 100.0000,
108.9000

■ 29.2802, 14.0624,
95.7788

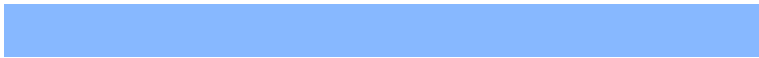
■ 26.5766, 11.8294,
95.4903

■ 25.4498, 11.0348,
95.3963

Harmonies

Analogous

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



48.3410, 47.7578, 118.4203



57.4183, 47.7578, 100.7996



63.7636, 47.7578, 71.4877

Triad

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



57.4183, 47.7578, 100.7996



51.7661, 47.7578, 17.8466



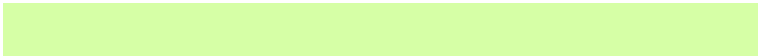
30.2781, 47.7578, 60.7142

Complementary

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



57.4183, 47.7578, 100.7996



70.3753, 88.5697, 49.4648

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.



30.9394, 47.7578, 36.4211



57.4183, 47.7578, 100.7996



42.5661, 47.7578, 16.6662

Square

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



57.4183, 47.7578, 100.7996



60.2106, 47.7578, 26.2539



35.1750, 47.7578, 22.2141



33.2297, 47.7578, 90.6956

Rectangle

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



57.4183, 47.7578, 100.7996



65.1534, 47.7578, 52.4094



35.1750, 47.7578, 22.2141



30.0952, 47.7578, 51.5930

Sweetspot

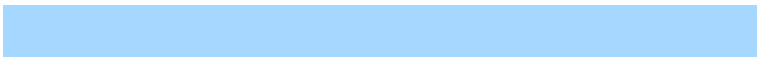
The Sweet Spot groups the original color and five complimentary colors.



57.4198, 47.7597, 100.7999



82.5680, 82.2800, 106.1376



58.0649, 63.9038, 103.8821



17.3216, 17.1174, 22.6410



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.



57.4198, 47.7597, 100.7999



51.7127, 40.2710, 99.6553



71.3088, 54.9197, 101.4499



17.7982, 17.7877, 22.7453



13.4659, 5.8524, 49.8545



1.4355, 0.6339, 4.8600

Inverse Universe

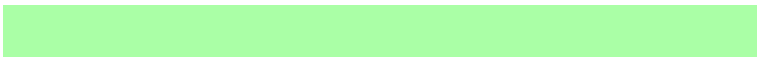
The Inverse Universe completely reimagines the original color for something new.



67.0148, 53.3890, 70.3924



62.9137, 46.8482, 63.9038



59.3192, 82.8700, 48.9474



18.4191, 18.1509, 20.8239



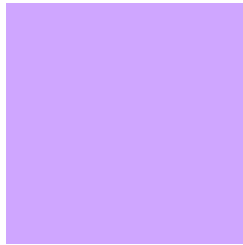
24.0043, 12.0910, 13.9389



2.3924, 1.1993, 1.6478

Previews

White Background



This preview shows how the XYZ color 57.4183, 47.7578, 100.7996 looks on a white background.

Color Contrast Check

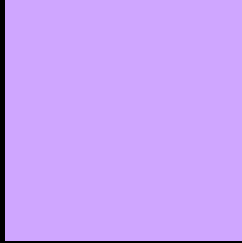
Large Text (above 18pt) WCAG AA × Fail

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 57.4183, 47.7578, 100.7996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

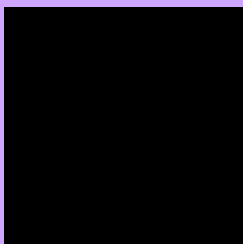
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 57.4183, 47.7578, 100.7996

Background



This preview shows how black text looks on a background with the XYZ color 57.4183, 47.7578, 100.7996.



This preview shows how white text looks on a background with the XYZ color 57.4183, 47.7578,

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

57.4183, 47.7578, 100.7996

Protanopia

49.2718, 47.8448, 101.2458

Deuteranopia

49.1988, 47.8626, 98.7408



Tritanopia

48.5107, 47.8262, 57.1267

Trichromacy



Original Color

57.4183, 47.7578, 100.7996



Protanomaly

51.9354, 47.7356, 101.0843



Deuteranomaly

51.8454, 47.7262, 99.4080

Tritanomaly

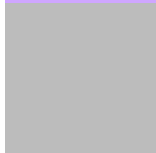
51.3501, 47.5093, 71.4295

Monochromacy



Original Color

57.4183, 47.7578, 100.7996



Achromatopsia

47.7994, 50.2886, 54.7643



Achromatomaly

50.7106, 48.9981, 69.0722

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.4183, 47.7578, 100.7996 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(207, 166, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 166, 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(207, 166, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 166, 255) }
```

Border

The CSS property to change the border of an element to XYZ 57.4183, 47.7578, 100.7996 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(207, 166, 255) }
```


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

```
.border{ border-color:rgb(207, 166, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 166, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 166, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 166, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 166,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 57.4183, 47.7578, 100.7996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 166, 255) }
```

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

```
.background{ background-color: rgb(207,  
166, 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