

Converting Colors

XYZ(63.2829, 50.7345,
140.9738)

Have a look what the booklet for
XYZ(63.2829, 50.7345, 140.9738)
contains.

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Color

**XYZ(55.7912, 47.7380,
100.8816)**

Conversions

Conversions Part 1

Format	Color
Hex	C7A9FF
RGB	199, 169, 255
RGB Percent	78%, 66%, 100%
CMY	0.2196, 0.3372, 0.0000
CMYK	0.22, 0.34, 0.00, 0.00
HSL	261°, 100%, 83%
HSV	261°, 34%, 100%
XYZ	55.7912, 47.7380, 100.8816
YIQ	187.7740, -9.7260, 33.1060

Conversions

Conversions Part 2

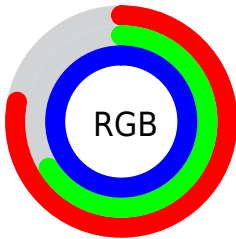
Format	Color
R _Y B	199, 169, 255
Decimal	13085183
CIE Lab	74.66, 27.87, -38.67
CIE LCh	75, 47.665, 305.785
Yxy	47.7380, 0.2729, 0.2335
Android (android.graphics.Color)	4291275263 (0xFFC7A9FF)
YUV	187.7740, 33.1424, 9.8452
Hunter-Lab	69.0927, 23.2236, -38.2039

Details

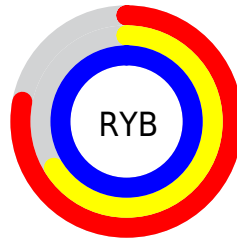
The XYZ color **55.7912, 47.7380, 100.8816** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **73.9733, 90.3923, 51.0866**, and the grayscale version is **47.4951, 49.9685, 54.4157**.

A 20% lighter version of the original color is **85.9457, 81.7913, 105.8652**, and **28.0559, 22.7291, 56.3345** is the 20% darker color. If you saturate the color by 10%, you get **47.3340, 37.0102, 99.2567**, and if you desaturate by 10%, it is **65.6572, 60.5674, 102.8379**.

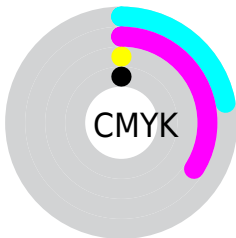
Distribution



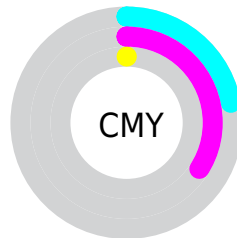
- Red (78%)
- Green (66%)
- Blue (100%)



- Red (78%)
- Yellow (66%)
- Blue (100%)



- Cyan (22%)
- Magenta (34%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (34%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.7912, 47.7380, 100.8816 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 55.7912, 47.7380, 100.8816 by changing the saturation by 10% instead.

■ 55.7912, 47.7380,
100.8816

■ 55.7912, 47.7380,
100.8816

398.9919,
377.7527, 584.2863

■ 40.2719, 33.6195,
76.4160

■ 97.8408, 86.8142,
164.4306

■ 27.9357, 22.6014,
56.2650

■ 125.1018,
112.5406, 204.3511

■ 18.4174, 14.2995,
40.0100

157.0074,
142.9051, 250.2603

■ 11.3516, 8.3292,
27.2325

193.9230,
178.2921, 302.5768

■ 6.3729, 4.3063,
17.5139

236.2139,
219.0860, 361.7191

■ 3.1159, 1.8464,
10.4358

284.2454,

■ 1.2154, 0.5158,

265.6711, 428.1058

5.5795

338.3830,
318.4318, 502.1553

■ 0.1184, 0.0000,
2.5265

■ 0.0000, 0.0000,
0.8541

■ 55.7912, 47.7380,
100.8816

■ 55.7912, 47.7380,
100.8816

■ 47.3340, 37.0102,
99.2567

■ 65.6572, 60.5674,
102.8379

■ 40.2117, 28.2625,
97.9436

■ 76.9917, 75.5996,
105.1420

■ 34.3500, 21.3693,
96.9220

■ 89.8565, 92.9360,
107.8102

■ 29.6649, 16.1876,
96.1688

■ 95.0500, 100.0000,
108.9000

■ 26.0604, 12.5527,
95.6571

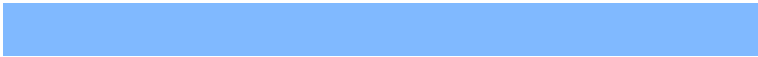
■ 23.4222, 10.2646,
95.3545

■ 22.1656, 9.3417,
95.2426

Harmonies

Analogous

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



47.0677, 47.7380, 115.0915



55.7912, 47.7380, 100.8816



62.2630, 47.7380, 74.0233

Triad

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



55.7912, 47.7380, 100.8816



52.5300, 47.7380, 19.5543



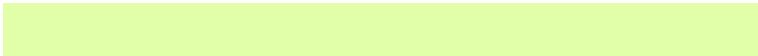
30.7783, 47.7380, 56.9203

Complementary

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



55.7912, 47.7380, 100.8816



73.9733, 90.3923, 51.0866

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.



31.8531, 47.7380, 34.8127



55.7912, 47.7380, 100.8816



43.7205, 47.7380, 17.5712

Square

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



55.7912, 47.7380, 100.8816



60.2192, 47.7380, 28.8368



36.3408, 47.7380, 22.1598



33.1934, 47.7380, 85.0363

Rectangle

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



55.7912, 47.7380, 100.8816



64.0279, 47.7380, 55.5525



36.3408, 47.7380, 22.1598



30.7477, 47.7380, 48.5613

Sweetspot

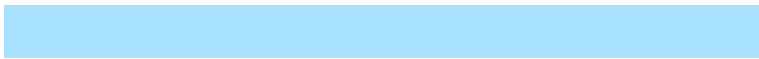
The Sweet Spot groups the original color and five complimentary colors.



55.7927, 47.7399, 100.8819



81.6007, 81.7814, 106.0923



61.7004, 70.2303, 104.9116



17.0882, 16.9971, 22.6301



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.



55.7927, 47.7399, 100.8819



50.3240, 40.7679, 99.8244



68.4008, 54.2396, 101.4719



17.6006, 17.6859, 22.7360



11.7269, 4.9559, 49.7731



1.2545, 0.5406, 4.8515

Inverse Universe

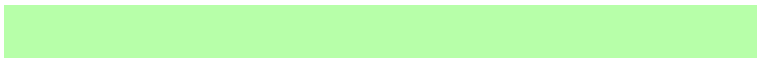
The Inverse Universe completely reimagines the original color for something new.



69.0193, 55.0736, 78.2270



65.4725, 49.1790, 73.3482



62.5303, 84.4933, 50.5511



18.5077, 18.1864, 21.2909



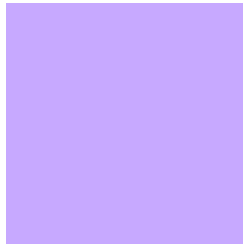
25.2207, 12.5776, 20.3444



2.5073, 1.2453, 2.2531

Previews

White Background



This preview shows how the XYZ color 55.7912, 47.7380, 100.8816 looks on a white background.

Color Contrast Check

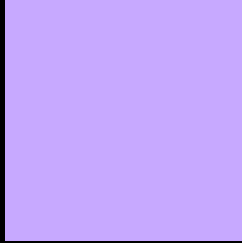
Large Text (above 18pt) WCAG AA × Fail

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 55.7912, 47.7380, 100.8816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

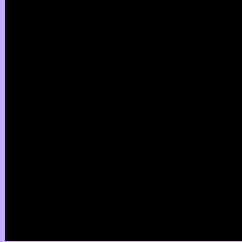
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 55.7912, 47.7380, 100.8816

Background



This preview shows how black text looks on a background with the XYZ color 55.7912, 47.7380, 100.8816.



This preview shows how white text looks on a background with the XYZ color 55.7912, 47.7380,

100.8816.

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

55.7912, 47.7380, 100.8816

Protanopia

49.2718, 47.8448, 101.2458

Deuteranopia

48.9949, 47.7574, 98.7313



Tritanopia

47.1132, 47.6792, 58.3496

Trichromacy



Original Color

55.7912, 47.7380, 100.8816

Protanomaly

51.4513, 47.7782, 101.1181

Deuteranomaly

51.1310, 47.6501, 99.4310

Tritanomaly

49.9848, 47.6605, 72.2106

Monochromacy



Original Color

55.7912, 47.7380, 100.8816

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

50.1458, 49.0077, 69.1038

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.7912, 47.7380, 100.8816 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(199, 169, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 169, 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(199, 169, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 169, 255) }
```

Border

The CSS property to change the border of an element to XYZ 55.7912, 47.7380, 100.8816 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(199, 169, 255) }
```


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

```
.border{ border-color:rgb(199, 169, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 169, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 169, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 169, 255);  
box-shadow:4px 4px 4px 4px rgb(199, 169,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 55.7912, 47.7380, 100.8816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 169, 255) }
```

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

```
.background{ background-color: rgb(199,  
169, 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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