

Converting Colors

XYZ(47.8962, 38.2502, 99.4664)

Have a look what the booklet for
XYZ(47.8962, 38.2502, 99.4664)
contains.

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Color

**XYZ(47.9313, 38.3449,
99.4828)**

Conversions

Conversions Part 1

Format	Color
Hex	B694FF
RGB	182, 148, 255
RGB Percent	71%, 58%, 100%
CMY	0.2863, 0.4196, 0.0000
CMYK	0.29, 0.42, 0.00, 0.00
HSL	259°, 100%, 79%
HSV	259°, 42%, 100%
XYZ	47.9313, 38.3449, 99.4828
YIQ	170.3640, -14.0830, 40.4850

Conversions

Conversions Part 2

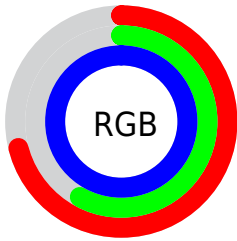
Format	Color
R _Y B	182, 148, 255
Decimal	11965695
CIE Lab	68.27, 34.73, -48.77
CIE LCh	68, 59.874, 305.457
Yxy	38.3449, 0.2580, 0.2064
Android (android.graphics.Color)	4290155775 (0xFFB694FF)
YUV	170.3640, 41.7255, 10.2048
Hunter-Lab	61.9233, 29.8011, -51.9061

Details

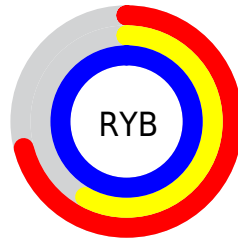
The XYZ color **47.9313, 38.3449, 99.4828** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **70.9243, 89.0304, 41.4648**, and the grayscale version is **38.1945, 40.1836, 43.7599**.

A 20% lighter version of the original color is **75.1057, 67.9863, 103.7719**, and **23.0719, 17.0622, 55.5034** is the 20% darker color. If you saturate the color by 10%, you get **40.5068, 29.2202, 98.1129**, and if you desaturate by 10%, it is **56.7498, 49.4975, 101.1707**.

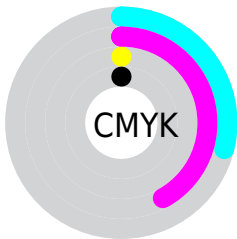
Distribution



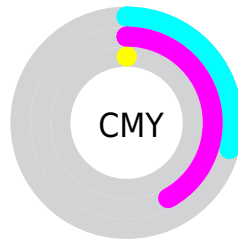
- Red (71%)
- Green (58%)
- Blue (100%)



- Red (71%)
- Yellow (58%)
- Blue (100%)



- Cyan (29%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (29%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.9313, 38.3449, 99.4828 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 47.9313, 38.3449, 99.4828 by changing the saturation by 10% instead.


 47.9313, 38.3449,
99.4828


 47.9313, 38.3449,
99.4828

369.1069,
339.0972, 579.7657

 33.9835, 26.2505,
75.2542


 86.3124, 72.6365,
162.4919

 23.0438, 17.0111,
55.3182


 111.4765, 95.6024,
202.1095

 14.7467, 10.2424,
39.2562


141.1100,
122.9610, 247.6939

 8.7270, 5.5600,
26.6497

175.5783,
155.0966, 299.6635

 4.6192, 2.5794,
17.0802

215.2468,
192.3936, 358.4370

 2.0581, 0.9163,
10.1291

260.4808,

 0.6663, 0.0000,

235.2365, 424.4328

5.3779

311.6457,
284.0095, 498.0695

■ 0.0000, 0.0000,
2.4081

■ 0.0000, 0.0000,
0.7908

■ 47.9313, 38.3449,
99.4828

■ 47.9313, 38.3449,
99.4828

■ 40.5068, 29.2202,
98.1129

■ 56.7498, 49.4975,
101.1707

■ 34.3952, 21.9924,
97.0399

■ 67.0292, 62.7890,
103.1944

■ 29.5126, 16.5218,
96.2413

■ 78.8366, 78.3275,
105.5713

■ 25.7622, 12.6463,
95.6909

■ 92.2336, 96.2124,
108.3174

■ 23.0304, 10.1721,
95.3573

95.0500, 100.0000,
108.9000

■ 21.4460, 8.9707,
95.2089

Harmonies

Analogous

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



38.1864, 38.3449, 117.0877



47.9313, 38.3449, 99.4828



55.4199, 38.3449, 67.0691

Triad

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



47.9313, 38.3449, 99.4828



44.4558, 38.3449, 10.2011



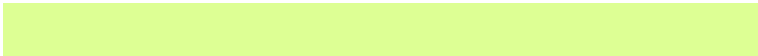
21.2882, 38.3449, 46.8540

Complementary

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



47.9313, 38.3449, 99.4828



70.9243, 89.0304, 41.4648

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.



22.3873, 38.3449, 23.7723



47.9313, 38.3449, 99.4828



34.7586, 38.3449, 8.5660

Square

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



47.9313, 38.3449, 99.4828



53.1845, 38.3449, 18.3976



26.9592, 38.3449, 12.2420



23.6487, 38.3449, 79.4181

Rectangle

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



47.9313, 38.3449, 99.4828



57.5243, 38.3449, 45.9744



26.9592, 38.3449, 12.2420



21.2707, 38.3449, 37.7947

Sweetspot

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



47.9326, 38.3463, 99.4830



77.5350, 76.6030, 105.3071



56.1509, 65.2913, 104.2508



16.0168, 15.6311, 22.4229



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.



47.9326, 38.3463, 99.4830



41.8558, 30.8547, 98.3573



63.0283, 46.1284, 100.1895



17.5462, 17.6578, 22.7335



11.3420, 4.7575, 49.7551



1.2121, 0.5188, 4.8495

Inverse Universe

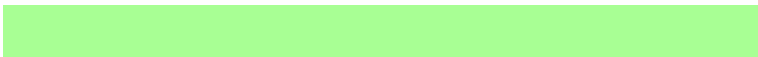
The Inverse Universe completely reimagines the original color for something new.



64.8816, 47.6613, 74.1865



61.0937, 41.4481, 68.7237



57.1731, 81.9413, 40.8213



18.5326, 18.1964, 21.4219



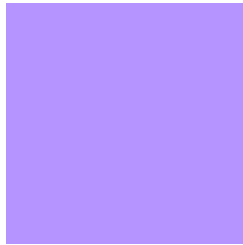
25.6102, 12.7334, 22.3954



2.5433, 1.2597, 2.4422

Previews

White Background



This preview shows how the XYZ color 47.9313, 38.3449, 99.4828 looks on a white background.

Color Contrast Check

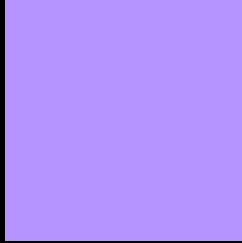
Large Text (above 18pt) WCAG AA × Fail

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 47.9313, 38.3449, 99.4828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

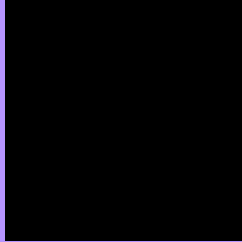
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.9313, 38.3449, 99.4828

Background



This preview shows how black text looks on a background with the XYZ color 47.9313, 38.3449, 99.4828.



This preview shows how white text looks on a background with the XYZ color 47.9313, 38.3449,

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

47.9313, 38.3449, 99.4828

Protanopia

40.9983, 38.7575, 99.9278

Deuteranopia

39.8012, 38.7495, 96.6484



Tritanopia

37.4274, 38.3401, 47.5472

Trichromacy



Original Color

47.9313, 38.3449, 99.4828

Protanomaly

43.0394, 38.2530, 99.7229

Deuteranomaly

42.0014, 38.0276, 97.2218

Tritanomaly

40.5520, 38.0232, 63.5944

Monochromacy



Original Color

47.9313, 38.3449, 99.4828

Achromatopsia

38.2080, 40.1978, 43.7754

Achromatomaly

40.9185, 39.0564, 60.6403

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.9313, 38.3449, 99.4828 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(182, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(182, 148, 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(182, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 148, 255) }
```

Border

The CSS property to change the border of an element to XYZ 47.9313, 38.3449, 99.4828 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(182, 148, 255) }
```


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

```
.border{ border-color:rgb(182, 148, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 148, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 148, 255);  
box-shadow:4px 4px 4px 4px rgb(182, 148,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 47.9313, 38.3449, 99.4828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 148, 255) }
```

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

```
.background{ background-color: rgb(182,  
148, 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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