

Converting Colors

XYZ(54.1927, 41.5858,
127.3537)

Have a look what the booklet for
XYZ(54.1927, 41.5858, 127.3537)
contains.

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Color

**XYZ(48.8838, 39.5436,
99.6640)**

Conversions

Conversions Part 1

Format	Color
Hex	B897FF
RGB	184, 151, 255
RGB Percent	72%, 59%, 100%
CMY	0.2784, 0.4078, 0.0000
CMYK	0.28, 0.41, 0.00, 0.00
HSL	259°, 100%, 80%
HSV	259°, 41%, 100%
XYZ	48.8838, 39.5436, 99.6640
YIQ	172.7230, -13.7160, 39.3400

Conversions

Conversions Part 2

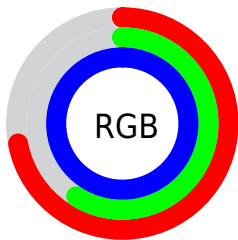
Format	Color
RYB	184, 151, 255
Decimal	12097535
CIELab	69.14, 33.60, -47.39
CIELCh	69, 58.095, 305.341
Yxy	39.5436, 0.2599, 0.2102
Android (android.graphics.Color)	4290287615 (0xFFB897FF)
YUV	172.7230, 40.5626, 9.8899
Hunter-Lab	62.8837, 28.7138, -49.9498

Details

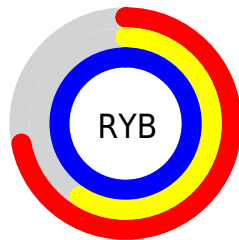
The XYZ color **48.8838, 39.5436, 99.6640** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **71.4704, 89.2841, 42.7463**, and the grayscale version is **39.3859, 41.4371, 45.1250**.

A 20% lighter version of the original color is **76.7393, 70.2399, 104.1208**, and **23.6523, 17.7808, 55.6115** is the 20% darker color. If you saturate the color by 10%, you get **41.2984, 30.1865, 98.2576**, and if you desaturate by 10%, it is **57.8725, 50.9431, 101.3905**.

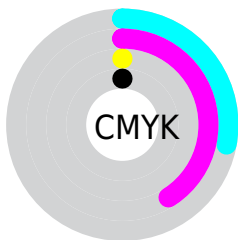
Distribution



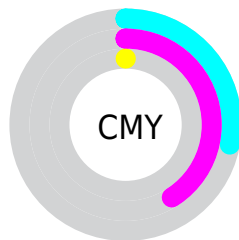
- Red (72%)
- Green (59%)
- Blue (100%)



- Red (72%)
- Yellow (59%)
- Blue (100%)



- Cyan (28%)
- Magenta (41%)
- Yellow (0%)
- Black (0%)





- Cyan (28%)
- Magenta (41%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 48.8838, 39.5436, 99.6640 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 48.8838, 39.5436, 99.6640 by changing the saturation by 10% instead.


 48.8838, 39.5436,
99.6640


 48.8838, 39.5436,
99.6640


372.8092,
344.1961, 580.3524

 34.7415, 27.1829,
75.4046


 87.7206, 74.4680,
162.7432

 23.6294, 17.7106,
55.4407


 113.1458, 97.8005,
202.4001

 15.1822, 10.7424,
39.3537


143.0626,
125.5590, 248.0267

 9.0345, 5.8939,
26.7251

177.8365,
158.1280, 300.0414

 4.8210, 2.7807,
17.1362

217.8327,
195.8918, 358.8627

 2.1763, 1.0183,
10.1687

263.4167,

 0.7302, 0.0000,

239.2348, 424.9093

5.4039

314.9538,
288.5415, 498.5997

■ 0.0000, 0.0000,
2.4233

■ 0.0000, 0.0000,
0.7991

■ 48.8838, 39.5436,
99.6640

■ 48.8838, 39.5436,
99.6640

■ 41.2984, 30.1865,
98.2576

■ 57.8725, 50.9431,
101.3905

■ 35.0360, 22.7421,
97.1508

■ 68.3307, 64.4948,
103.4551

■ 30.0136, 17.0727,
96.3212

■ 80.3250, 80.3060,
105.8748

■ 26.1361, 13.0192,
95.7432

■ 93.9167, 98.4751,
108.6654

■ 23.2921, 10.3922,
95.3860

95.0500, 100.0000,
108.9000

■ 21.4361, 8.9656,
95.2085

Harmonies

Analogous

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



39.2710, 39.5436, 116.6409



48.8838, 39.5436, 99.6640



56.2518, 39.5436, 68.0988

Triad

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



48.8838, 39.5436, 99.6640



45.5346, 39.5436, 11.3051



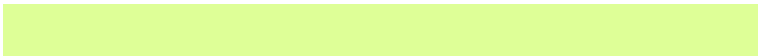
22.4674, 39.5436, 47.9919

Complementary

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



48.8838, 39.5436, 99.6640



71.4704, 89.2841, 42.7463

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.



23.5855, 39.5436, 25.0565



48.8838, 39.5436, 99.6640



35.9479, 39.5436, 9.5806

Square

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



48.8838, 39.5436, 99.6640



54.1058, 39.5436, 19.7398



28.1770, 39.5436, 13.3705



24.8243, 39.5436, 79.9103

Rectangle

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



48.8838, 39.5436, 99.6640



58.3294, 39.5436, 47.3433



28.1770, 39.5436, 13.3705



22.4542, 39.5436, 39.0362

Sweetspot

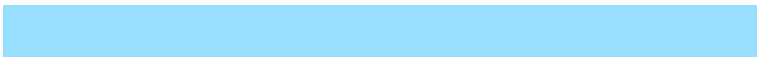
The Sweet Spot groups the original color and five complimentary colors.



48.8851, 39.5451, 99.6642



78.7811, 78.2576, 105.5608



56.9524, 66.0782, 104.3604



16.5133, 16.2880, 22.5235



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.



48.8851, 39.5451, 99.6642



42.5518, 31.7111, 98.4859



63.6873, 47.1759, 100.3569



17.5455, 17.6574, 22.7334



11.3368, 4.7548, 49.7548



1.2115, 0.5185, 4.8495

Inverse Universe

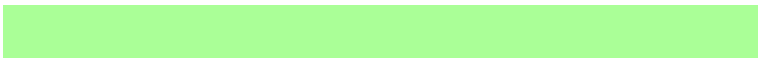
The Inverse Universe completely reimagines the original color for something new.



65.4920, 48.6682, 75.0494



61.5402, 42.1629, 69.4216



57.9388, 82.3083, 42.1130



18.5330, 18.1965, 21.4238



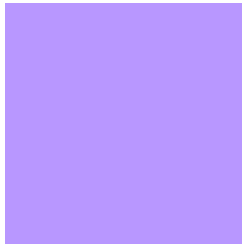
25.6160, 12.7357, 22.4259



2.5438, 1.2599, 2.4450

Previews

White Background



This preview shows how the XYZ color 48.8838, 39.5436, 99.6640 looks on a white background.

Color Contrast Check

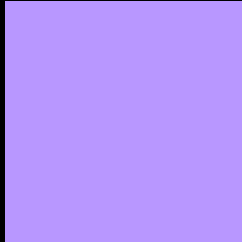
Large Text (above 18pt) WCAG AA × Fail

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 48.8838, 39.5436, 99.6640 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

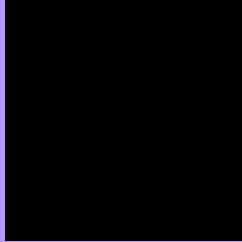
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 48.8838, 39.5436, 99.6640

Background



This preview shows how black text looks on a background with the XYZ color 48.8838, 39.5436, 99.6640.



This preview shows how white text looks on a background with the XYZ color 48.8838, 39.5436,

99.6640.

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

48.8838, 39.5436, 99.6640

Protanopia

42.0027, 39.8108, 100.0782

Deuteranopia

40.9309, 39.8758, 96.8063



Tritanopia

38.6345, 39.4788, 48.7639

Trichromacy



Original Color

48.8838, 39.5436, 99.6640

Protanomaly

44.1213, 39.5798, 99.9220

Deuteranomaly

43.2535, 39.4482, 97.4300

Tritanomaly

41.6866, 39.1087, 64.3831

Monochromacy



Original Color

48.8838, 39.5436, 99.6640

Achromatopsia

39.7200, 41.7885, 45.5077

Achromatomaly

42.3661, 40.5692, 62.0976

CSS Examples

Text

The CSS property to change the color of the text to XYZ 48.8838, 39.5436, 99.6640 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(184, 151, 255)` looks like.

```
.text, #text, p{  
    color:rgb(184, 151, 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(184, 151, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 151, 255) }
```

Border

The CSS property to change the border of an element to XYZ 48.8838, 39.5436, 99.6640 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(184, 151, 255) }
```


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

```
.border{ border-color:rgb(184, 151, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 151, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 151, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 151, 255);  
box-shadow:4px 4px 4px 4px rgb(184, 151,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 48.8838, 39.5436, 99.6640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 151, 255) }
```

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

```
.background{ background-color: rgb(184,  
151, 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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