

Converting Colors

XYZ(50.3038, 39.6564, 95.4126)

Have a look what the booklet for
XYZ(50.3038, 39.6564, 95.4126)
contains.

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Color

**XYZ(50.3509, 39.6840,
95.4485)**

Conversions

Conversions Part 1

Format	Color
Hex	C394FA
RGB	195, 148, 250
RGB Percent	76%, 58%, 98%
CMY	0.2353, 0.4196, 0.0196
CMYK	0.22, 0.41, 0.00, 0.02
HSL	268°, 91%, 78%
HSV	268°, 41%, 98%
XYZ	50.3509, 39.6840, 95.4485
YIQ	173.6810, -4.7300, 41.6860

Conversions

Conversions Part 2

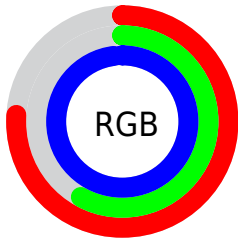
Format	Color
R_{YB}	195, 148, 250
Decimal	12817658
CIE _{Lab}	69.24, 37.14, -44.44
CIE _{LCh}	69, 57.914, 309.887
Yxy	39.6840, 0.2715, 0.2139
Android (android.graphics.Color)	4291007738 (0xFFC394FA)
YUV	173.6810, 37.6253, 18.6968
Hunter-Lab	62.9952, 32.4300, -45.7378

Details

The XYZ color **50.3509, 39.6840, 95.4485** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **64.1605, 83.2067, 40.6973**, and the grayscale version is **39.8848, 41.9619, 45.6966**.

A 20% lighter version of the original color is **79.9139, 70.8145, 104.0644**, and **24.4560, 17.7050, 52.5805** is the 20% darker color. If you saturate the color by 10%, you get **43.5177, 30.9560, 94.1247**, and if you desaturate by 10%, it is **58.3482, 50.2707, 97.0711**.

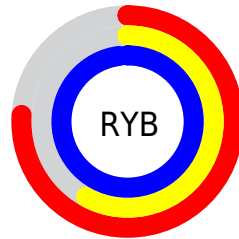
Distribution



Red (76%)

Green (58%)

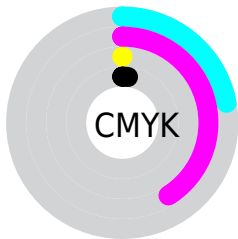
Blue (98%)



Red (76%)

Yellow (58%)

Blue (98%)

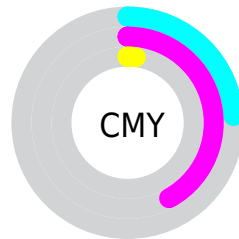


Cyan (22%)

Magenta (41%)

Yellow (0%)

Black (2%)



Cyan (24%)


Magenta (42%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3509, 39.6840, 95.4485 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 50.3509, 39.6840, 95.4485 by changing the saturation by 10% instead.


 50.3509, 39.6840,
95.4485


 50.3509, 39.6840,
95.4485


378.4659,
344.7899, 566.6208

 35.9112, 27.2922,
71.9094


 89.8833, 74.6821,
156.8850

 24.5354, 17.7928,
52.5983


 115.7067, 98.0572,
195.6194

 15.8582, 10.8014,
37.0966


146.0554,
125.8622, 240.2560

 9.5141, 5.9334,
24.9859

181.2948,
158.4816, 291.2134

 5.1377, 2.8046,
15.8477

221.7902,
196.2996, 348.9100

 2.3639, 1.0306,
9.2632

267.9069,

 0.8271, 0.0000,

239.7007, 413.7644

4.8141

320.0104,
289.0694, 486.1951

■ 0.0000, 0.0000,
2.0818

■ 0.0000, 0.0000,
0.6049

■ 50.3509, 39.6840,
95.4485

■ 50.3509, 39.6840,
95.4485

■ 43.5177, 30.9560,
94.1247

■ 58.3482, 50.2707,
97.0711

■ 37.7809, 23.9676,
93.0781

■ 67.5634, 62.8159,
99.0069

■ 33.0719, 18.5930,
92.2889

■ 78.0518, 77.4174,
101.2724

■ 29.3109, 14.6862,
91.7330

■ 89.8639, 94.1651,
103.8825

■ 26.4042, 12.0734,
91.3819

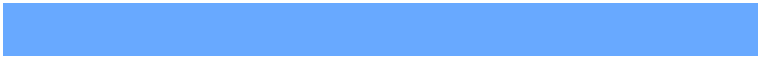
■ 94.2555, 99.6822,
104.7160

■ 24.3517, 10.5605,
91.1981

Harmonies

Analogous

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



40.8644, 39.6840, 115.5926



50.3509, 39.6840, 95.4485



57.0674, 39.6840, 63.2620

Triad

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



50.3509, 39.6840, 95.4485



44.1902, 39.6840, 10.8033



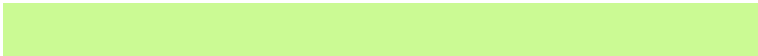
22.7349, 39.6840, 52.5863

Complementary

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



50.3509, 39.6840, 95.4485



64.1605, 83.2067, 40.6973

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.



23.3271, 39.6840, 27.9166



50.3509, 39.6840, 95.4485



34.7382, 39.6840, 9.8948

Square

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



50.3509, 39.6840, 95.4485



53.1258, 39.6840, 18.0332



27.3981, 39.6840, 14.6713



25.6214, 39.6840, 84.9395

Rectangle

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



50.3509, 39.6840, 95.4485



58.5129, 39.6840, 43.3102



27.3981, 39.6840, 14.6713



22.5465, 39.6840, 43.1082

Sweetspot

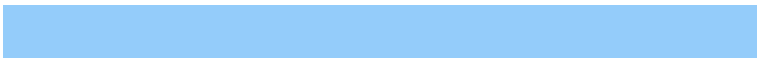
The Sweet Spot groups the original color and five complimentary colors.



50.3523, 39.6856, 95.4494



80.2414, 79.0104, 105.6291



51.0860, 56.4327, 98.6433



16.8559, 16.4647, 22.5395



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.



50.3523, 39.6856, 95.4494



46.6862, 33.8425, 98.6794



65.4676, 47.4778, 96.1568



17.0431, 17.0348, 21.7751



13.0787, 5.6850, 48.3815



1.3321, 0.5888, 4.4866

Inverse Universe

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



60.7948, 45.8169, 62.1402



59.3560, 41.2893, 57.9198



52.6878, 77.2923, 40.1604



17.6360, 17.3818, 19.9389



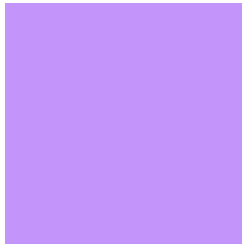
23.2978, 11.7348, 13.5423



2.2113, 1.1083, 1.5362

Previews

White Background



This preview shows how the XYZ color 50.3509, 39.6840, 95.4485 looks on a white background.

Color Contrast Check

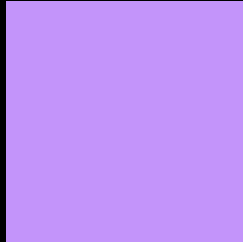
Large Text (above 18pt) WCAG AA × Fail

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 50.3509, 39.6840, 95.4485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

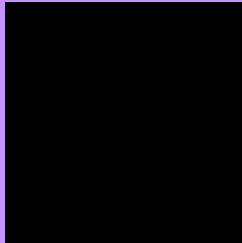
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3509, 39.6840, 95.4485

Background



This preview shows how black text looks on a background with the XYZ color 50.3509, 39.6840, 95.4485.



This preview shows how white text looks on a background with the XYZ color 50.3509, 39.6840,

95.4485.

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

50.3509, 39.6840, 95.4485

Protanopia

42.1675, 39.8957, 100.0859

Deuteranopia

41.1184, 40.0624, 92.7544



Tritanopia

40.5027, 39.6703, 47.1174

Trichromacy



Original Color

50.3509, 39.6840, 95.4485



Protanomaly

44.4258, 39.2591, 98.1648



Deuteranomaly

43.8314, 39.5761, 93.3245

Tritanomaly

43.6195, 39.3781, 62.4285

Monochromacy



Original Color

50.3509, 39.6840, 95.4485



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

43.4072, 41.1196, 61.5262

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3509, 39.6840, 95.4485 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(195, 148, 250)` looks like.

```
.text, #text, p{  
    color:rgb(195, 148, 250)  
}
```

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(195, 148, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 148, 250) }
```

Border

The CSS property to change the border of an element to XYZ 50.3509, 39.6840, 95.4485 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(195, 148, 250) }
```


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

```
.border{ border-color:rgb(195, 148, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 148, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 148, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 148, 250);  
box-shadow:4px 4px 4px 4px rgb(195, 148,  
250) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3509, 39.6840, 95.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 148, 250) }
```

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

```
.background{ background-color: rgb(195,  
148, 250) }
```

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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