

Converting Colors

XYZ(50.3519, 39.3693, 98.1814)

Have a look what the booklet for
XYZ(50.3519, 39.3693, 98.1814)
contains.

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Color

**XYZ(50.4115, 39.4286,
97.8820)**

Conversions

Conversions Part 1

Format	Color
Hex	C293FD
RGB	194, 147, 253
RGB Percent	76%, 58%, 99%
CMY	0.2392, 0.4235, 0.0078
CMYK	0.23, 0.42, 0.00, 0.01
HSL	267°, 96%, 78%
HSV	267°, 42%, 99%
XYZ	50.4115, 39.4286, 97.8820
YIQ	173.1370, -6.0140, 42.9300

Conversions

Conversions Part 2

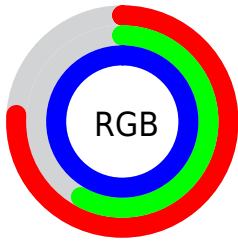
Format	Color
RYB	194, 147, 253
Decimal	12751869
CIELab	69.06, 38.09, -46.37
CIELCh	69, 60.007, 309.403
Yxy	39.4286, 0.2685, 0.2100
Android (android.graphics.Color)	4290941949 (0xFFC293FD)
YUV	173.1370, 39.3725, 18.2969
Hunter-Lab	62.7922, 33.4189, -48.4682

Details

The XYZ color **50.4115, 39.4286, 97.8820** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.8462, 85.4797, 40.6340**, and the grayscale version is **39.5993, 41.6616, 45.3694**.

A 20% lighter version of the original color is **79.3154, 70.1565, 103.9689**, and **24.5372, 17.5732, 54.3233** is the 20% darker color. If you saturate the color by 10%, you get **43.4570, 30.6321, 96.5513**, and if you desaturate by 10%, it is **58.5765, 50.1349, 99.5189**.

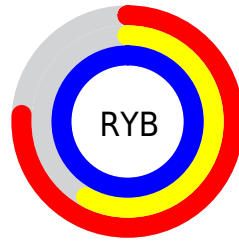
Distribution



Red (76%)

Green (58%)

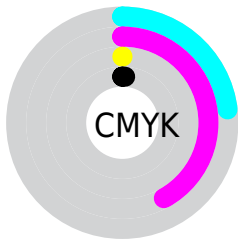
Blue (99%)



Red (76%)

Yellow (58%)

Blue (99%)

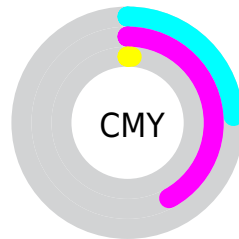


Cyan (23%)

Magenta (42%)

Yellow (0%)

Black (1%)



Cyan (24%)


Magenta (42%)


Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.4115, 39.4286, 97.8820 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 50.4115, 39.4286, 97.8820 by changing the saturation by 10% instead.


 50.4115, 39.4286,
97.8820


 50.4115, 39.4286,
97.8820


378.6984,
343.7093, 574.5692

 35.9596, 27.0933,
73.9259

 89.9725, 74.2926,
160.2699

 24.5730, 17.6433,
54.2370


 115.8122, 97.5901,
199.5388

 15.8862, 10.6942,
38.3967


146.1787,
125.3105, 244.7490

 9.5340, 5.8616,
25.9865

181.4371,
157.8382, 296.3191

 5.1510, 2.7611,
16.5879

221.9530,
195.5575, 354.6677

 2.3718, 1.0083,
9.7822

268.0916,

 0.8310, 0.0000,

238.8528, 420.2131

5.1511

320.2183,
288.1086, 493.3741

■ 0.0000, 0.0000,
2.2759

■ 0.0000, 0.0000,
0.7177

■ 50.4115, 39.4286,
97.8820

■ 50.4115, 39.4286,
97.8820

■ 43.4570, 30.6321,
96.5513

■ 58.5765, 50.1349,
99.5189

■ 37.6417, 23.6211,
95.5046

■ 68.0087, 62.8551,
101.4770

■ 32.8931, 18.2635,
94.7207

■ 78.7665, 77.6913,
103.7737

■ 29.1267, 14.4062,
94.1747

■ 90.9028, 94.7372,
106.4242

■ 26.2424, 11.8650,
93.8362

94.7297, 99.8719,
107.2136

■ 24.4350, 10.5486,
93.6774

Harmonies

Analogous

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



40.5631, 39.4286, 118.7322



50.4115, 39.4286, 97.8820



57.4739, 39.4286, 64.2664

Triad

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



50.4115, 39.4286, 97.8820



44.3288, 39.4286, 10.0831



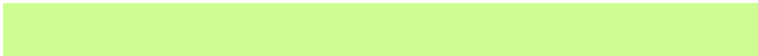
22.0957, 39.4286, 52.1293

Complementary

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



50.4115, 39.4286, 97.8820



65.8462, 85.4797, 40.6340

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.



22.7553, 39.4286, 26.9328



50.4115, 39.4286, 97.8820



34.5491, 39.4286, 9.1039

Square

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



50.4115, 39.4286, 97.8820



53.5678, 39.4286, 17.4157



26.9669, 39.4286, 13.7285



24.9798, 39.4286, 85.8231

Rectangle

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



50.4115, 39.4286, 97.8820



59.0510, 39.4286, 43.4823



26.9669, 39.4286, 13.7285



21.9230, 39.4286, 42.3844

Sweetspot

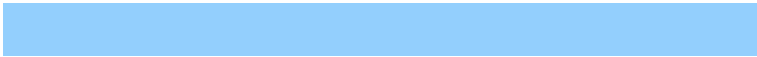
The Sweet Spot groups the original color and five complimentary colors.



50.4129, 39.4302, 97.8829



78.9060, 77.3099, 105.3712



52.0924, 57.9542, 101.3699



16.3534, 15.8046, 22.4386



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.



50.4129, 39.4302, 97.8829



45.4794, 32.7228, 98.5268



66.1470, 47.5414, 98.6192



17.7675, 17.7719, 22.7438



13.1598, 5.6946, 49.8402



1.4045, 0.6180, 4.8585

Inverse Universe

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



62.0833, 46.2076, 64.0400



59.1410, 40.6670, 58.4407



53.7320, 79.2346, 40.0670



18.4327, 18.1564, 20.8956



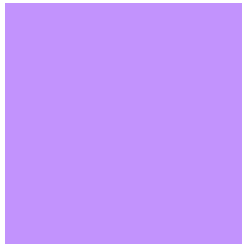
24.1737, 12.1588, 14.8312



2.4087, 1.2059, 1.7338

Previews

White Background



This preview shows how the XYZ color 50.4115, 39.4286, 97.8820 looks on a white background.

Color Contrast Check

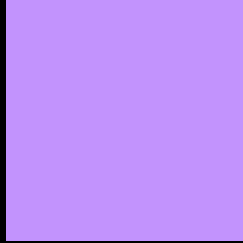
Large Text (above 18pt) WCAG AA × Fail

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 50.4115, 39.4286, 97.8820 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

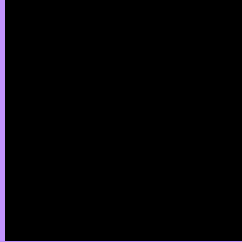
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.4115, 39.4286, 97.8820

Background



This preview shows how black text looks on a background with the XYZ color 50.4115, 39.4286, 97.8820.



This preview shows how white text looks on a background with the XYZ color 50.4115, 39.4286,

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

50.4115, 39.4286, 97.8820

Protanopia

42.0027, 39.8108, 100.0782

Deuteranopia

40.9330, 39.9131, 95.1691



Tritanopia

40.0337, 39.4285, 47.0954

Trichromacy



Original Color

50.4115, 39.4286, 97.8820



Protanomaly

44.3881, 39.2211, 98.9969



Deuteranomaly

43.5364, 39.1117, 95.6972

Tritanomaly

43.2539, 39.1758, 63.0396

Monochromacy



Original Color

50.4115, 39.4286, 97.8820



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

42.9922, 40.6389, 61.4553

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.4115, 39.4286, 97.8820 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(194, 147, 253)` looks like.

```
.text, #text, p{  
    color:rgb(194, 147, 253)  
}
```

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(194, 147, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 147, 253) }
```

Border

The CSS property to change the border of an element to XYZ 50.4115, 39.4286, 97.8820 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(194, 147, 253) }
```


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

```
.border{ border-color:rgb(194, 147, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 147, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 147, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 147, 253);  
box-shadow:4px 4px 4px 4px rgb(194, 147,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 50.4115, 39.4286, 97.8820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 147, 253) }
```

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

```
.background{ background-color: rgb(194,  
147, 253) }
```

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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