

Converting Colors

XYZ(50.6995, 39.2268, 96.3370)

Have a look what the booklet for
XYZ(50.6995, 39.2268, 96.3370)
contains.

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Color

**XYZ(50.5639, 39.0861,
96.1462)**

Conversions

Conversions Part 1

Format	Color
Hex	C591FB
RGB	197, 145, 251
RGB Percent	77%, 57%, 98%
CMY	0.2274, 0.4314, 0.0157
CMYK	0.22, 0.42, 0.00, 0.02
HSL	269°, 93%, 78%
HSV	269°, 42%, 98%
XYZ	50.5639, 39.0861, 96.1462
YIQ	172.6320, -3.0340, 43.9900

Conversions

Conversions Part 2

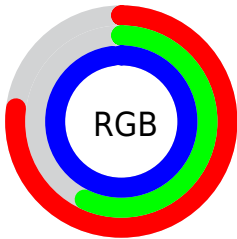
Format	Color
RYB	197, 145, 251
Decimal	12947963
CIELab	68.81, 39.56, -45.65
CIELCh	69, 60.405, 310.917
Yxy	39.0861, 0.2721, 0.2104
Android (android.graphics.Color)	4291138043 (0xFFC591FB)
YUV	172.6320, 38.6354, 21.3707
Hunter-Lab	62.5189, 34.9589, -47.4174

Details

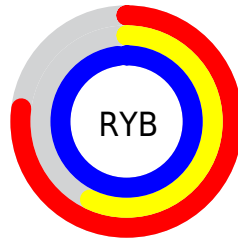
The XYZ color **50.5639, 39.0861, 96.1462** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **63.1622, 83.1817, 39.5162**, and the grayscale version is **39.3454, 41.3944, 45.0785**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **24.6365, 17.3865, 53.0964** is the 20% darker color. If you saturate the color by 10%, you get **43.9365, 30.5919, 94.8566**, and if you desaturate by 10%, it is **58.3253, 49.4242, 97.7332**.

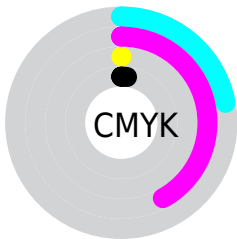
Distribution



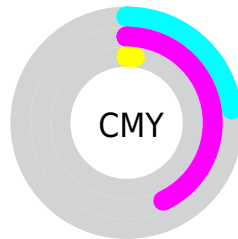
- Red (77%)
- Green (57%)
- Blue (98%)



- Red (77%)
- Yellow (57%)
- Blue (98%)



- Cyan (22%)
- Magenta (42%)
- Yellow (0%)
- Black (2%)





- Cyan (23%)
- Magenta (43%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.5639, 39.0861, 96.1462 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 50.5639, 39.0861, 96.1462 by changing the saturation by 10% instead.

 50.5639, 39.0861,
96.1462

 50.5639, 39.0861,
96.1462


379.2827,
342.2564, 568.9057

 36.0813, 26.8267,
72.4872

 90.1966, 73.7698,
157.8563

 24.6674, 17.4431,
53.0675


 116.0775, 96.9630,
196.7446

 15.9568, 10.5509,
37.4685


146.4885,
124.5695, 241.5462

 9.5843, 5.7657,
25.2718

181.7949,
156.9737, 292.6799

 5.1843, 2.7032,
16.0588

222.3622,
194.5602, 350.5642

 2.3917, 0.9788,
9.4110

268.5557,

 0.8410, 0.0000,

237.7132, 415.6176

4.9098

320.7408,
286.8171, 488.2586

■ 0.0000, 0.0000,
2.1366

■ 0.0000, 0.0000,
0.6374

■ 50.5639, 39.0861,
96.1462

■ 50.5639, 39.0861,
96.1462

■ 43.9365, 30.5919,
94.8566

■ 58.3253, 49.4242,
97.7332

■ 38.3755, 23.8203,
93.8427

■ 67.2745, 61.7074,
99.6325

■ 33.8116, 18.6428,
93.0839

■ 77.4666, 76.0351,
101.8608

■ 30.1645, 14.9095,
92.5555

■ 88.9519, 92.4984,
104.4332

■ 27.3380, 12.4402,
92.2278

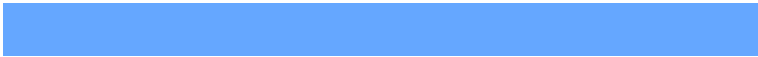
■ 94.4127, 99.7451,
105.5441

■ 25.6002, 11.1859,
92.0773

Harmonies

Analogous

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



40.7480, 39.0861, 118.1880



50.5639, 39.0861, 96.1462



57.4125, 39.0861, 62.2343

Triad

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



50.5639, 39.0861, 96.1462



43.5019, 39.0861, 9.6418



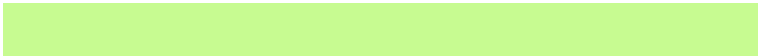
21.8432, 39.0861, 53.3481

Complementary

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



50.5639, 39.0861, 96.1462



63.1622, 83.1817, 39.5162

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.



22.3230, 39.0861, 27.5393



50.5639, 39.0861, 96.1462



33.7706, 39.0861, 8.9373

Square

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



50.5639, 39.0861, 96.1462



52.8757, 39.0861, 16.5182



26.3470, 39.0861, 13.8505



24.8997, 39.0861, 87.2894

Rectangle

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



50.5639, 39.0861, 96.1462



58.7726, 39.0861, 41.7197



26.3470, 39.0861, 13.8505



21.6118, 39.0861, 43.4077

Sweetspot

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



50.5653, 39.0877, 96.1471



79.4291, 77.5795, 105.3957



49.6912, 54.1867, 99.1076



16.4822, 15.8710, 22.4447



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.



50.5653, 39.0877, 96.1471



46.3012, 32.6613, 98.4717



66.6891, 47.3998, 96.9017



17.0938, 17.0610, 21.7775



13.6236, 5.9659, 48.4070



1.3838, 0.6154, 4.4890

Inverse Universe

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



60.2189, 44.8849, 59.5237



57.9934, 39.6850, 54.0099



51.6000, 77.2212, 38.9751



17.6136, 17.3728, 19.8212



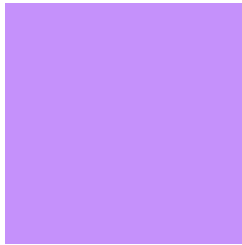
23.0292, 11.6274, 12.1281



2.1865, 1.0983, 1.4054

Previews

White Background



This preview shows how the XYZ color 50.5639, 39.0861, 96.1462 looks on a white background.

Color Contrast Check

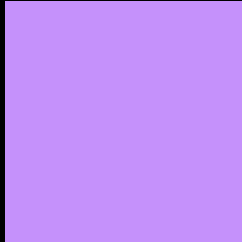
Large Text (above 18pt) WCAG AA × Fail

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 50.5639, 39.0861, 96.1462 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

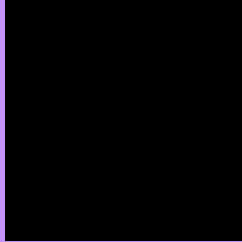
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5639, 39.0861, 96.1462

Background



This preview shows how black text looks on a background with the XYZ color 50.5639, 39.0861, 96.1462.



This preview shows how white text looks on a background with the XYZ color 50.5639, 39.0861,

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

50.5639, 39.0861, 96.1462

Protanopia

41.6585, 39.3645, 100.0102

Deuteranopia

40.5989, 39.5037, 93.4809



Tritanopia

40.3275, 39.0870, 45.4635

Trichromacy



Original Color

50.5639, 39.0861, 96.1462



Protanomaly

44.2168, 38.8786, 98.9398



Deuteranomaly

43.4420, 38.8427, 94.0147

Tritanomaly

43.5354, 38.8600, 61.0833

Monochromacy



Original Color

50.5639, 39.0861, 96.1462



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

42.9312, 40.3565, 60.7852

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5639, 39.0861, 96.1462 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(197, 145, 251)` looks like.

```
.text, #text, p{  
    color:rgb(197, 145, 251)  
}
```

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(197, 145, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 145, 251) }
```

Border

The CSS property to change the border of an element to XYZ 50.5639, 39.0861, 96.1462 is called "border". The border property can be set on classes, ids or directly on the HTML element.

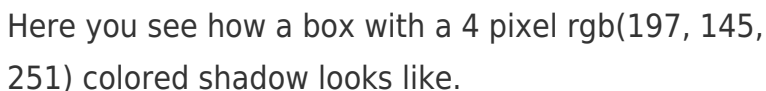
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 145, 251) }
```


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

```
.border{ border-color:rgb(197, 145, 251) }
```

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



Here you see how a box with a 4 pixel `rgb(197, 145, 251)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 145, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 145, 251);  
box-shadow:4px 4px 4px 4px rgb(197, 145,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5639, 39.0861, 96.1462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 145, 251) }
```

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

```
.background{ background-color: rgb(197,  
145, 251) }
```

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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