

Converting Colors

XYZ(53.8237, 40.2984,
113.9950)

Have a look what the booklet for
XYZ(53.8237, 40.2984, 113.9950)
contains.

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Color

**XYZ(51.2014, 39.3411,
99.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	C591FF
RGB	197, 145, 255
RGB Percent	77%, 57%, 100%
CMY	0.2274, 0.4314, 0.0000
CMYK	0.23, 0.43, 0.00, 0.00
HSL	268°, 100%, 78%
HSV	268°, 43%, 100%
XYZ	51.2014, 39.3411, 99.5027
YIQ	173.0880, -4.3180, 45.2340

Conversions

Conversions Part 2

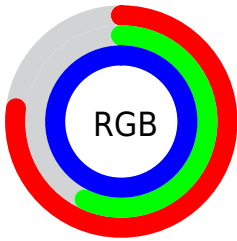
Format	Color
RYB	197, 145, 255
Decimal	12947967
CIELab	69.00, 40.47, -47.54
CIELCh	69, 62.427, 310.407
Yxy	39.3411, 0.2694, 0.2070
Android (android.graphics.Color)	4291138047 (0xFFC591FF)
YUV	173.0880, 40.3826, 20.9708
Hunter-Lab	62.7225, 35.9482, -50.1517

Details

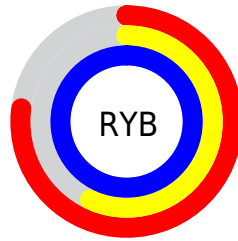
The XYZ color **51.2014, 39.3411, 99.5027** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **65.4998, 86.2610, 39.9873**, and the grayscale version is **39.5688, 41.6294, 45.3344**.

A 20% lighter version of the original color is **79.9443, 69.7886, 103.8648**, and **25.0919, 17.5686, 55.4947** is the 20% darker color. If you saturate the color by 10%, you get **44.3684, 30.6697, 98.1891**, and if you desaturate by 10%, it is **59.2255, 49.9261, 101.1229**.

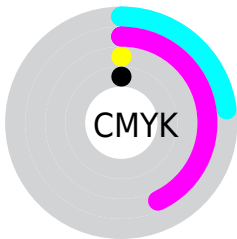
Distribution



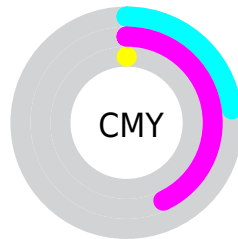
- Red (77%)
- Green (57%)
- Blue (100%)



- Red (77%)
- Yellow (57%)
- Blue (100%)



- Cyan (23%)
- Magenta (43%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (43%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.2014, 39.3411, 99.5027 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 51.2014, 39.3411, 99.5027 by changing the saturation by 10% instead.


 51.2014, 39.3411,
99.5027


 51.2014, 39.3411,
99.5027


381.7205,
343.3385, 579.8302

 36.5906, 27.0252,
75.2707


 91.1336, 74.1591,
162.5195

 25.0629, 17.5921,
55.3316

 117.1858, 97.4300,
202.1414

 16.2529, 10.6576,
39.2669

147.7824,
125.1213, 247.7304

 9.7953, 5.8371,
26.6580

183.2889,
157.6175, 299.7050

 5.3247, 2.7463,
17.0864

224.0706,
195.3029, 358.4837

 2.4757, 1.0007,
10.1335

270.4929,

 0.8830, 0.0000,

238.5620, 424.4851

5.3808

322.9211,
287.7790, 498.1278

■ 0.0000, 0.0000,
2.4098

■ 0.0000, 0.0000,
0.7917

■ 51.2014, 39.3411,
99.5027

■ 51.2014, 39.3411,
99.5027

■ 44.3684, 30.6697,
98.1891

■ 59.2255, 49.9261,
101.1229

■ 38.6550, 23.7847,
97.1613

■ 68.4982, 62.5317,
103.0673

■ 33.9876, 18.5501,
96.3969

■ 79.0778, 77.2620,
105.3530

■ 30.2803, 14.8075,
95.8699

■ 91.0176, 94.2127,
107.9955

■ 27.4302, 12.3649,
95.5487

95.0500, 100.0000,
108.9000

■ 25.8720, 11.2524,
95.4161

Harmonies

Analogous

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



40.9525, 39.3411, 122.3858



51.2014, 39.3411, 99.5027



58.4454, 39.3411, 63.9403

Triad

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



51.2014, 39.3411, 99.5027



44.1756, 39.3411, 9.1918



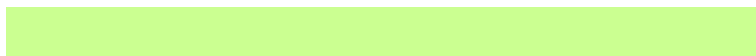
21.5673, 39.3411, 53.5042

Complementary

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



51.2014, 39.3411, 99.5027



65.4998, 86.2610, 39.9873

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.



22.1211, 39.3411, 26.9759



51.2014, 39.3411, 99.5027



34.0451, 39.3411, 8.4021

Square

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



51.2014, 39.3411, 99.5027



53.9175, 39.3411, 16.2479



26.3206, 39.3411, 13.2109



24.6445, 39.3411, 89.0197

Rectangle

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



51.2014, 39.3411, 99.5027



59.9481, 39.3411, 42.4485



26.3206, 39.3411, 13.2109



21.3505, 39.3411, 43.2254

Sweetspot

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



51.2027, 39.3426, 99.5029



79.2308, 77.4773, 105.3864



51.2418, 56.2683, 102.7679



16.4333, 15.8458, 22.4424



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.



51.2027, 39.3426, 99.5029



45.0869, 31.5624, 98.3236



68.0798, 48.0431, 100.2928



17.8197, 17.7988, 22.7463



13.6881, 5.9670, 49.8649



1.4577, 0.6454, 4.8610

Inverse Universe

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



62.1455, 45.8237, 62.0695



57.7981, 39.0972, 54.5524



53.2054, 79.9230, 39.4119



18.4096, 18.1471, 20.7739



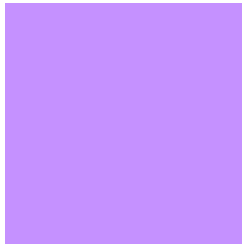
23.8898, 12.0452, 13.3363



2.3813, 1.1949, 1.5894

Previews

White Background



This preview shows how the XYZ color 51.2014, 39.3411, 99.5027 looks on a white background.

Color Contrast Check

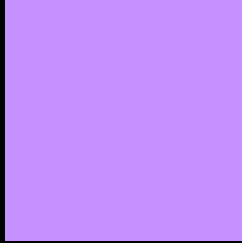
Large Text (above 18pt) WCAG AA × Fail

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 51.2014, 39.3411, 99.5027 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

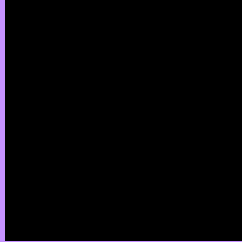
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.2014, 39.3411, 99.5027

Background



This preview shows how black text looks on a background with the XYZ color 51.2014, 39.3411, 99.5027.



This preview shows how white text looks on a background with the XYZ color 51.2014, 39.3411,

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

51.2014, 39.3411, 99.5027

Protanopia

41.8396, 39.7267, 100.0706

Deuteranopia

40.7737, 39.8129, 95.9781



Tritanopia

40.3635, 39.3568, 46.0267

Trichromacy



Original Color

51.2014, 39.3411, 99.5027



Protanomaly

44.3774, 38.9428, 99.7855



Deuteranomaly

43.8518, 39.2378, 97.3579

Tritanomaly

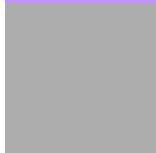
43.5266, 38.8279, 62.3272

Monochromacy



Original Color

51.2014, 39.3411, 99.5027



Achromatopsia

39.7200, 41.7885, 45.5077



Achromatomaly

43.1681, 40.4513, 62.0326

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.2014, 39.3411, 99.5027 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, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 145, 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(197, 145, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 145, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.2014, 39.3411, 99.5027 is called "border". The border property can be set on classes, ids or directly on the HTML element.

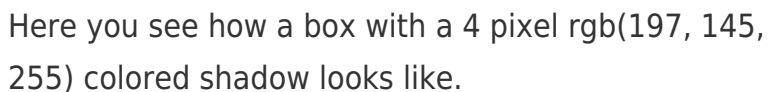
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 145, 255) }
```


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

```
.border{ border-color:rgb(197, 145, 255) }
```

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, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 145, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 145, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 145,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.2014, 39.3411, 99.5027 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, 255) }
```

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

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