

Converting Colors

XYZ(50.9358, 39.5328, 93.7476)

Have a look what the booklet for
XYZ(50.9358, 39.5328, 93.7476)
contains.

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Color

**XYZ(51.0416, 39.6144,
93.7631)**

Conversions

Conversions Part 1

Format	Color
Hex	C892F8
RGB	200, 146, 248
RGB Percent	78%, 57%, 97%
CMY	0.2157, 0.4274, 0.0274
CMYK	0.19, 0.41, 0.00, 0.03
HSL	272°, 88%, 77%
HSV	272°, 41%, 97%
XYZ	51.0416, 39.6144, 93.7631
YIQ	173.7740, -0.5580, 43.1700

Conversions

Conversions Part 2

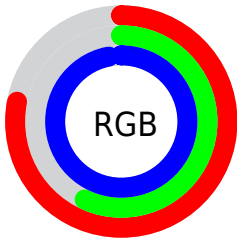
Format	Color
R _Y B	200, 146, 248
Decimal	13144824
CIE Lab	69.19, 39.20, -43.39
CIE LCh	69, 58.473, 312.092
Yxy	39.6144, 0.2768, 0.2148
Android (android.graphics.Color)	4291334904 (0xFFC892F8)
YUV	173.7740, 36.5934, 23.0002
Hunter-Lab	62.9400, 34.6108, -44.2677

Details

The XYZ color **51.0416, 39.6144, 93.7631** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **61.0048, 80.6803, 39.5532**, and the grayscale version is **39.9360, 42.0157, 45.7551**.

A 20% lighter version of the original color is **80.1766, 70.2533, 103.9422**, and **24.9083, 17.6963, 51.3931** is the 20% darker color. If you saturate the color by 10%, you get **44.6266, 31.2353, 92.4845**, and if you desaturate by 10%, it is **58.5265, 49.7776, 95.3310**.

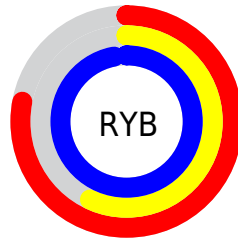
Distribution



Red (78%)

Green (57%)

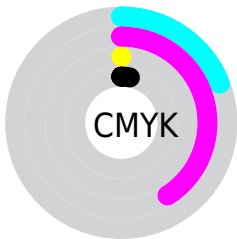
Blue (97%)



Red (78%)

Yellow (57%)

Blue (97%)

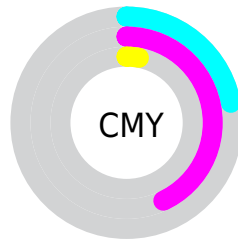


Cyan (19%)

Magenta (41%)

Yellow (0%)

Black (3%)



Cyan (22%)


Magenta (43%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.0416, 39.6144, 93.7631 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 51.0416, 39.6144, 93.7631 by changing the saturation by 10% instead.


 51.0416, 39.6144,
93.7631


 51.0416, 39.6144,
93.7631


381.1104,
344.4956, 561.0804

 36.4629, 27.2380,
70.5147

 90.8989, 74.5760,
154.5355

 24.9637, 17.7521,
51.4669

 116.9082, 97.9300,
192.8966

 16.1786, 10.7721,
36.2010

147.4584,
125.7120, 237.1324

 9.7423, 5.9138,
24.2986

182.9148,
158.3063, 287.6615

 5.2894, 2.7927,
15.3410

223.6429,
196.0975, 344.9022

 2.4545, 1.0245,
8.9098

270.0080,

 0.8724, 0.0000,

239.4698, 409.2733

4.5864

322.3753,
288.8078, 481.1932

■ 0.0000, 0.0000,
1.9522

■ 0.0000, 0.0000,
0.5257

■ 51.0416, 39.6144,
93.7631

■ 51.0416, 39.6144,
93.7631

■ 44.6266, 31.2353,
92.4845

■ 58.5265, 49.7776,
95.3310

■ 39.2177, 24.5244,
91.4743

■ 67.1315, 61.8213,
97.2021

■ 34.7505, 19.3594,
90.7128

■ 76.9084, 75.8406,
99.3928

■ 31.1496, 15.5983,
90.1766

■ 87.9042, 91.9225,
101.9174

■ 28.3258, 13.0712,
89.8377

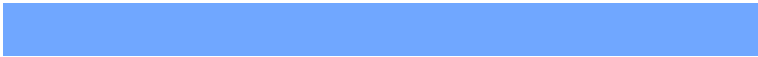
■ 93.9434, 99.5574,
103.0727

■ 26.3494, 11.6263,
89.6629

Harmonies

Analogous

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



41.5471, 39.6144, 115.6525



51.0416, 39.6144, 93.7631



57.4915, 39.6144, 60.9912

Triad

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



51.0416, 39.6144, 93.7631



43.4583, 39.6144, 10.3399



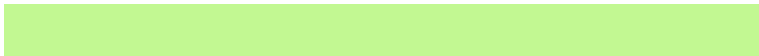
22.6611, 39.6144, 54.8485

Complementary

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



51.0416, 39.6144, 93.7631



61.0048, 80.6803, 39.5532

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.



22.9996, 39.6144, 29.1534



51.0416, 39.6144, 93.7631



34.0089, 39.6144, 9.8266

Square

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



51.0416, 39.6144, 93.7631



52.6389, 39.6144, 16.9984



26.8368, 39.6144, 15.0879



25.8200, 39.6144, 87.6960

Rectangle

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



51.0416, 39.6144, 93.7631



58.6387, 39.6144, 41.2806



26.8368, 39.6144, 15.0879



22.3863, 39.6144, 45.0408

Sweetspot

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



51.0430, 39.6160, 93.7640



80.9526, 79.3771, 105.6624



48.3810, 52.0545, 96.3052



17.0232, 16.5509, 22.5474



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.



51.0430, 39.6160, 93.7640



48.8565, 34.9613, 98.7809



65.6719, 47.1878, 93.0780



17.1604, 17.0953, 21.7806



14.3974, 6.3648, 48.4433



1.4559, 0.6526, 4.4924

Inverse Universe

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



58.7289, 44.4106, 56.5167



58.3982, 40.9061, 52.8761



50.7442, 75.3754, 39.7685



17.5846, 17.3612, 19.6683



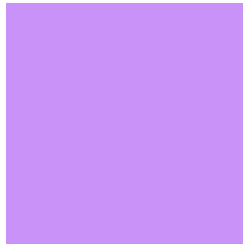
22.7066, 11.4984, 10.4296



2.1561, 1.0862, 1.2455

Previews

White Background



This preview shows how the XYZ color 51.0416, 39.6144, 93.7631 looks on a white background.

Color Contrast Check

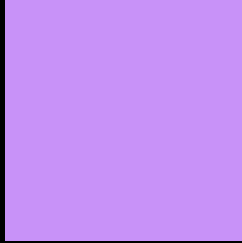
Large Text (above 18pt) WCAG AA × Fail

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 51.0416, 39.6144, 93.7631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

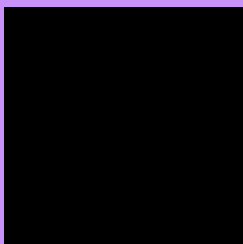
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.0416, 39.6144, 93.7631

Background



This preview shows how black text looks on a background with the XYZ color 51.0416, 39.6144, 93.7631.



This preview shows how white text looks on a background with the XYZ color 51.0416, 39.6144,

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

51.0416, 39.6144, 93.7631

Protanopia

42.1675, 39.8957, 100.0859

Deuteranopia

41.1470, 40.1124, 91.1617



Tritanopia

41.3972, 39.6272, 46.0244

Trichromacy



Original Color

51.0416, 39.6144, 93.7631



Protanomaly

44.6668, 39.4016, 97.3465



Deuteranomaly

43.9525, 39.4156, 91.6776



Tritanomaly

44.2874, 39.2477, 61.1185

Monochromacy



Original Color

51.0416, 39.6144, 93.7631



Achromatopsia

40.2316, 42.3268, 46.0938



Achromatomaly

43.3465, 40.8352, 60.8557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.0416, 39.6144, 93.7631 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(200, 146, 248)` looks like.

```
.text, #text, p{  
    color:rgb(200, 146, 248)  
}
```

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(200, 146, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 146, 248) }
```

Border

The CSS property to change the border of an element to XYZ 51.0416, 39.6144, 93.7631 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(200, 146, 248) }
```


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

```
.border{ border-color:rgb(200, 146, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 146, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 146, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 146, 248);  
box-shadow:4px 4px 4px 4px rgb(200, 146,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 51.0416, 39.6144, 93.7631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 146, 248) }
```

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

```
.background{ background-color: rgb(200,  
146, 248) }
```

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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