

Converting Colors

XYZ(51.4049, 40.1356, 99.6454)

Have a look what the booklet for
XYZ(51.4049, 40.1356, 99.6454)
contains.

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Color

**XYZ(51.4049, 40.1356,
99.6454)**

Conversions

Conversions Part 1

Format	Color
Hex	C494FF
RGB	196, 148, 255
RGB Percent	77%, 58%, 100%
CMY	0.2314, 0.4196, 0.0000
CMYK	0.23, 0.42, 0.00, 0.00
HSL	267°, 100%, 79%
HSV	267°, 42%, 100%
XYZ	51.4049, 40.1356, 99.6454
YIQ	174.5500, -5.7390, 43.4530

Conversions

Conversions Part 2

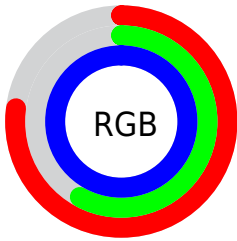
Format	Color
R_{YB}	196, 148, 255
Decimal	12883199
CIE _{Lab}	69.57, 38.55, -46.65
CIE _{LCh}	70, 60.518, 309.573
Yxy	40.1356, 0.2689, 0.2099
Android (android.graphics.Color)	4291073279 (0xFFC494FF)
YUV	174.5500, 39.6619, 18.8117
Hunter-Lab	63.3527, 33.9693, -48.9085

Details

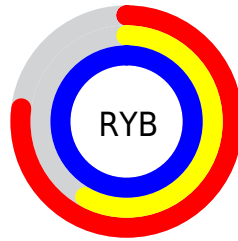
The XYZ color **51.4049, 40.1356, 99.6454** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **66.8379, 86.9237, 41.2737**, and the grayscale version is **40.3205, 42.4203, 46.1957**.

A 20% lighter version of the original color is **80.2790, 71.0027, 104.0815**, and **25.1911, 18.0184, 55.5763** is the 20% darker color. If you saturate the color by 10%, you get **44.3494, 31.2012, 98.2927**, and if you desaturate by 10%, it is **59.6868, 51.0116, 101.3081**.

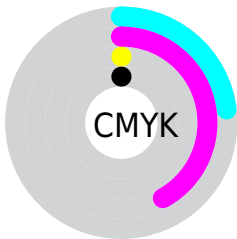
Distribution



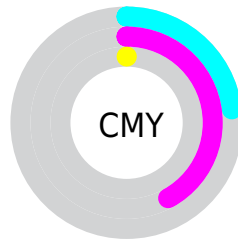
- Red (77%)
- Green (58%)
- Blue (100%)



- Red (77%)
- Yellow (58%)
- Blue (100%)



- Cyan (23%)
- Magenta (42%)
- Yellow (0%)
- Black (0%)





- Cyan (23%)
- Magenta (42%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 51.4049, 40.1356, 99.6454 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 51.4049, 40.1356, 99.6454 by changing the saturation by 10% instead.


 51.4049, 40.1356,
99.6454


 51.4049, 40.1356,
99.6454

382.4967,
346.6948, 580.2922

 36.7533, 27.6443,
75.3892


 91.4324, 75.3700,
162.7174

 25.1893, 18.0577,
55.4281


 117.5391, 98.8818,
202.3703

 16.3477, 10.9914,
39.3437

148.1948,
126.8359, 247.9925

 9.8629, 6.0611,
26.7173

183.7649,
159.6167, 300.0026

 5.3697, 2.8822,
17.1305

224.6148,
197.6086, 358.8190

 2.5028, 1.0706,
10.1646

271.1098,

 0.8966, 0.0000,

241.1960, 424.8604

5.4012

323.6153,
290.7633, 498.5453

■ 0.0000, 0.0000,
2.4217

■ 0.0000, 0.0000,
0.7982

■ 51.4049, 40.1356,
99.6454

■ 51.4049, 40.1356,
99.6454

■ 44.3494, 31.2012,
98.2927

■ 59.6868, 51.0116,
101.3081

■ 38.4484, 24.0820,
97.2296

■ 69.2532, 63.9357,
103.2985

■ 33.6279, 18.6433,
96.4339

■ 80.1631, 79.0116,
105.6334

■ 29.8021, 14.7290,
95.8800

■ 92.4704, 96.3347,
108.3285

■ 26.8692, 12.1512,
95.5370

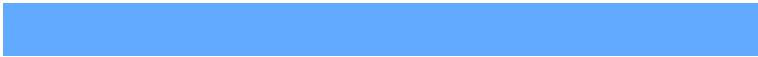
95.0500, 100.0000,
108.9000

■ 25.0409, 10.8240,
95.3772

Harmonies

Analogous

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



41.3566, 40.1356, 121.0765



51.4049, 40.1356, 99.6454



58.5901, 40.1356, 65.2867

Triad

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



51.4049, 40.1356, 99.6454



45.0842, 40.1356, 10.1939



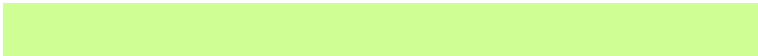
22.4651, 40.1356, 53.2687

Complementary

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



51.4049, 40.1356, 99.6454



66.8379, 86.9237, 41.2737

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.



23.1172, 40.1356, 27.4897



51.4049, 40.1356, 99.6454



35.1092, 40.1356, 9.2283

Square

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



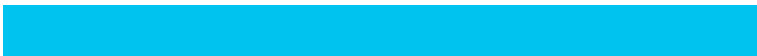
51.4049, 40.1356, 99.6454



54.5305, 40.1356, 17.6131



27.3916, 40.1356, 13.9725



25.4264, 40.1356, 87.6959

Rectangle

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



51.4049, 40.1356, 99.6454



60.1755, 40.1356, 44.1030



27.3916, 40.1356, 13.9725



22.2822, 40.1356, 43.3012

Sweetspot

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



51.4062, 40.1371, 99.6456



78.9635, 77.3395, 105.3739



52.9744, 58.9382, 103.1919



16.3675, 15.8119, 22.4393



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.



51.4062, 40.1371, 99.6456



45.6388, 32.8049, 98.5343



67.3047, 48.3331, 100.3896



17.7768, 17.7766, 22.7442



13.2505, 5.7414, 49.8444



1.4137, 0.6227, 4.8590

Inverse Universe

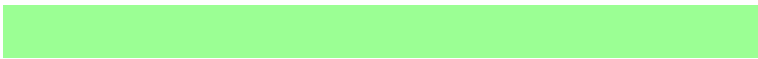
The Inverse Universe completely reimagines the original color for something new.



63.0930, 46.9460, 64.7680



59.0644, 40.6363, 58.0373



54.6494, 80.6403, 40.7033



18.4286, 18.1547, 20.8740



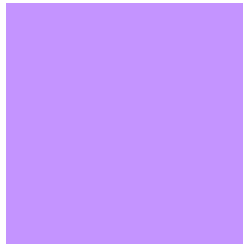
24.1220, 12.1381, 14.5587



2.4038, 1.2039, 1.7076

Previews

White Background



This preview shows how the XYZ color 51.4049, 40.1356, 99.6454 looks on a white background.

Color Contrast Check

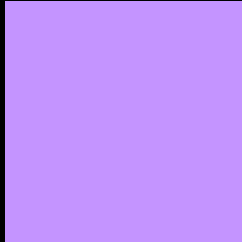
Large Text (above 18pt) WCAG AA × Fail

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 51.4049, 40.1356, 99.6454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

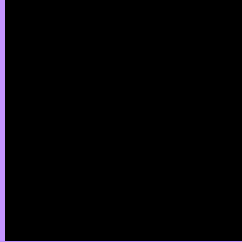
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 51.4049, 40.1356, 99.6454

Background



This preview shows how black text looks on a background with the XYZ color 51.4049, 40.1356, 99.6454.



This preview shows how white text looks on a background with the XYZ color 51.4049, 40.1356,

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

51.4049, 40.1356, 99.6454

Protanopia

42.5162, 40.3464, 100.1545

Deuteranopia

41.5922, 40.4919, 96.8904



Tritanopia

40.7824, 40.0697, 47.7042

Trichromacy



Original Color

51.4049, 40.1356, 99.6454



Protanomaly

45.1180, 39.8352, 99.9187



Deuteranomaly

44.2202, 39.6861, 97.4250

Tritanomaly

44.0322, 39.8173, 63.7573

Monochromacy



Original Color

51.4049, 40.1356, 99.6454



Achromatopsia

40.7470, 42.8690, 46.6844



Achromatomaly

43.8827, 41.3372, 62.7927

CSS Examples

Text

The CSS property to change the color of the text to XYZ 51.4049, 40.1356, 99.6454 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(196, 148, 255)` looks like.

```
.text, #text, p{  
    color:rgb(196, 148, 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(196, 148, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 148, 255) }
```

Border

The CSS property to change the border of an element to XYZ 51.4049, 40.1356, 99.6454 is called "border". The border property can be set on classes, ids or directly on the HTML element.

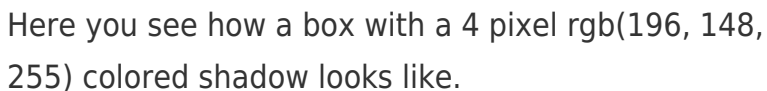
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 148, 255) }
```


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

```
.border{ border-color:rgb(196, 148, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 148, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(196, 148, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(196, 148, 255); box-shadow:4px 4px 4px 4px rgb(196, 148, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 51.4049, 40.1356, 99.6454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 148, 255) }
```

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

```
.background{ background-color: rgb(196,  
148, 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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