

Converting Colors

YUV(146.3590, 49.6160,
46.1662)

Have a look what the booklet for
YUV(146.3590, 49.6160, 46.1662)
contains.

YUV(146.3590, 49.6160, 46.1662)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(146.3590, 49.6160,
46.1662)**

Conversions

Conversions Part 1

Format	Color
Hex	C764F7
RGB	199, 100, 247
RGB Percent	78%, 39%, 97%
CMY	0.2196, 0.6078, 0.0314
CMYK	0.19, 0.60, 0.00, 0.03
HSL	280°, 90%, 68%
HSV	280°, 60%, 97%
XYZ	44.8989, 27.9719, 91.0284
YIQ	146.3590, 11.8170, 66.7050

Conversions

Conversions Part 2

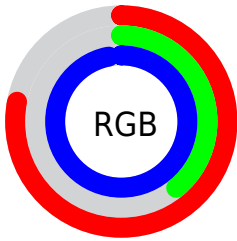
Format	Color
R _Y B	199, 100, 247
Decimal	13067511
CIE Lab	59.86, 62.41, -57.61
CIE LCh	60, 84.934, 317.289
Yxy	27.9719, 0.2739, 0.1707
Android (android.graphics.Color)	4291257591 (0xFFC764F7)
YUV	146.3590, 49.6160, 46.1662
Hunter-Lab	52.8884, 58.9802, -65.0245

Details

The YUV color **146.3590, 49.6160, 46.1662** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **200.6410, -49.6160, -46.1662**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.3000, 28.9391, 51.4799**, and **89.6470, 49.4740, 45.0366** is the 20% darker color. If you saturate the color by 10%, you get **129.2920, 58.0300, 54.1179**, and if you desaturate by 10%, it is **163.4260, 41.2020, 38.2144**.

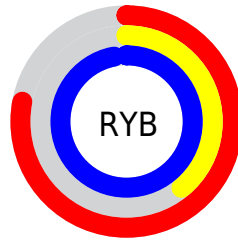
Distribution



Red (78%)

Green (39%)

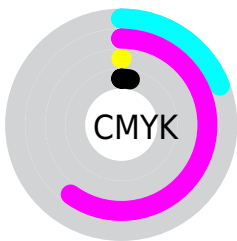
Blue (97%)



Red (78%)

Yellow (39%)

Blue (97%)

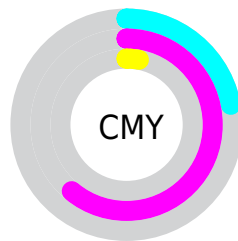


Cyan (19%)

Magenta (60%)

Yellow (0%)

Black (3%)



Cyan (22%)

Magenta (61%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.3590, 49.6160, 46.1662 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 YUV color 146.3590, 49.6160, 46.1662 by changing the saturation by 10% instead.

■ 146.3590, 49.6160,
46.1662

■ 146.3590, 49.6160,
46.1662

255.0000, 0.0000,
0.0000

■ 118.5330, 49.0372,
45.1366

■ 196.3000, 28.9391,
51.4799

■ 89.6470, 49.4740,
45.0366

■ 212.7360, 20.8362,
37.0655

■ 53.4290, 53.5255,
52.2438

■ 229.7590, 12.4438,
22.1364

■ 40.8050, 46.4381,
38.7590

■ 246.7820, 4.0515,
7.2072

■ 29.1700, 39.3562,
23.5299

■ 18.8450, 32.1214,
10.6599

■ 6.8400, 26.2079,

-5.9987

■ 5.3920, 15.5827,
-4.7288

■ 2.0690, 5.3890,
-1.8145

■ 146.3590, 49.6160,
46.1662

■ 146.3590, 49.6160,
46.1662

■ 129.2920, 58.0300,
54.1179

■ 163.4260, 41.2020,
38.2144

■ 112.8120, 66.1547,
61.5549

■ 179.9060, 33.0773,
30.7774

■ 95.7450, 74.5687,
69.5066

■ 196.9730, 24.6633,
22.8257

■ 78.6780, 82.9827,
77.4584

■ 214.0400, 16.2493,
14.8739

77.7920, 83.4195,
77.3584

231.1070, 7.8352,
6.9222

247.5870, -0.2894,
-0.5148

254.0880, -3.4944,
0.7998

Harmonies

Analogous

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



111.8590, 70.5685, -94.5923



146.3590, 49.6160, 46.1662



128.3490, 24.9709, 111.0729

Triad

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



146.3590, 49.6160, 46.1662



135.5230, -66.8128, 56.5463



124.6300, 30.7484, -109.3005

Complementary

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



146.3590, 49.6160, 46.1662



200.6410, -49.6160, -46.1662

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.



114.5640, -2.7431, -100.4726



146.3590, 49.6160, 46.1662



130.4640, -64.3188, 3.1011

Square

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



146.3590, 49.6160, 46.1662



131.8750, -50.2244, 102.7186



100.8960, -39.8817, -88.4858



131.0940, 60.5927, -114.9694

Rectangle

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



146.3590, 49.6160, 46.1662



115.0180, 6.8931, 122.7642



100.8960, -39.8817, -88.4858



121.6660, 19.3917, -106.7011

Sweetspot

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



146.3590, 49.6160, 46.1662



223.5130, 15.5231, 14.4591



145.5210, 50.0291, -39.9219



107.9870, 9.8664, 8.7814



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



146.3590, 49.6160, 46.1662



131.1120, 61.0768, 56.9068



157.8610, 31.6205, 78.1749



113.7600, 4.0623, 3.7185



58.5790, 62.8186, 58.2512



18.3870, 20.0222, 18.0776

Inverse Universe

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



149.4250, -0.7025, 85.5733



134.8450, -0.9096, 105.3759



189.0250, -32.0573, -78.0749



114.0440, -0.0217, 6.9774



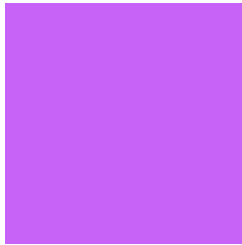
62.5680, -0.7730, 108.2499



19.8070, -0.3979, 34.3723

Previews

White Background



This preview shows how the YUV color 146.3590, 49.6160, 46.1662 looks on a white background.

Color Contrast Check

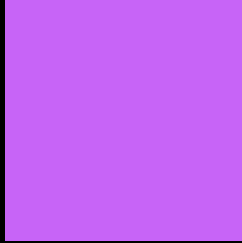
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the YUV color 146.3590, 49.6160, 46.1662 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 × Fail

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

YUV 146.3590, 49.6160, 46.1662

Background



This preview shows how black text looks on a background with the YUV color 146.3590, 49.6160, 46.1662.



This preview shows how white text looks on a background with the YUV color 146.3590, 49.6160,

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

146.3590, 49.6160, 46.1662

Protanopia

138.7470, 57.3127, -42.7511

Deuteranopia

137.3630, 49.6140, -46.7994



Tritanopia

146.6880, -3.2972, 30.9686

Trichromacy



Original Color

146.3590, 49.6160, 46.1662



Protanomaly

141.5600, 54.4469, -10.1381



Deuteranomaly

140.8710, 49.3636, -13.0419



Tritanomaly

146.4710, 16.0368, 36.4209

Monochromacy



Original Color

146.3590, 49.6160, 46.1662



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

145.9200, 18.2804, 16.7332

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.3590, 49.6160, 46.1662 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(199, 100, 247)` looks like.

```
.text, #text, p{  
  color:rgb(199, 100, 247)  
}
```

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(199, 100, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 100, 247) }
```

Border

The CSS property to change the border of an element to YUV 146.3590, 49.6160, 46.1662 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(199, 100, 247) }
```


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

```
.border{ border-color:rgb(199, 100, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 100, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 100, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 100, 247);  
box-shadow:4px 4px 4px 4px rgb(199, 100,  
247) }
```

Background

The CSS property to change the background color of an element to YUV 146.3590, 49.6160, 46.1662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 100, 247) }
```

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

```
.background{ background-color: rgb(199,  
100, 247) }
```

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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