

Converting Colors

YUV(145.8490, 46.4164,
45.7364)

Have a look what the booklet for
YUV(145.8490, 46.4164, 45.7364)
contains.

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Color

**YUV(145.8490, 46.4164,
45.7364)**

Conversions

Conversions Part 1

Format	Color
Hex	C665F0
RGB	198, 101, 240
RGB Percent	78%, 40%, 94%
CMY	0.2235, 0.6039, 0.0588
CMYK	0.17, 0.58, 0.00, 0.06
HSL	282°, 82%, 67%
HSV	282°, 58%, 94%
XYZ	43.6706, 27.6044, 85.4646
YIQ	145.8490, 13.1930, 63.7930

Conversions

Conversions Part 2

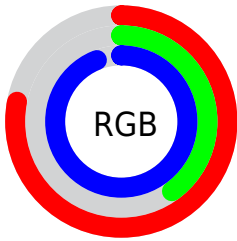
Format	Color
R _Y B	198, 101, 240
Decimal	13002224
CIE Lab	59.53, 60.26, -54.27
CIE LCh	60, 81.095, 317.997
Yxy	27.6044, 0.2786, 0.1761
Android (android.graphics.Color)	4291192304 (0xFFC665F0)
YUV	145.8490, 46.4164, 45.7364
Hunter-Lab	52.5399, 56.4224, -59.6668

Details

The YUV color **145.8490, 46.4164, 45.7364** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **195.1510, -46.4164, -45.7364**, and the grayscale version is **145.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.8870, 28.6497, 50.9651**, and **89.4360, 46.1271, 45.2216** is the 20% darker color. If you saturate the color by 10%, you get **129.6680, 54.3937, 53.7882**, and if you desaturate by 10%, it is **162.0300, 38.4392, 37.6847**.

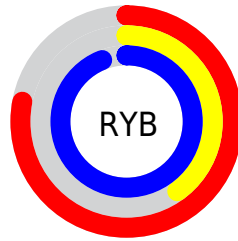
Distribution



Red (78%)

Green (40%)

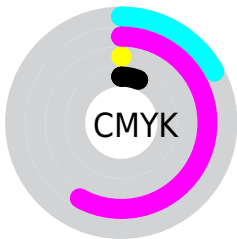
Blue (94%)



Red (78%)

Yellow (40%)

Blue (94%)

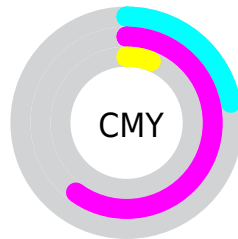


Cyan (17%)

Magenta (58%)

Yellow (0%)

Black (6%)



Cyan (22%)


Magenta (60%)


Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the YUV color 145.8490, 46.4164, 45.7364 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 145.8490, 46.4164, 45.7364 by changing the saturation by 10% instead.


 145.8490, 46.4164,
45.7364


 145.8490, 46.4164,
45.7364


255.0000, 0.0000,
0.0000


 118.0230, 45.8377,
44.7068


 196.8870, 28.6497,
50.9651

 89.4360, 46.1271,
45.2216


 213.3230, 20.5468,
36.5507


 56.2670, 49.1684,
49.7548

 230.3460, 12.1544,
21.6216

 40.1210, 43.8173,
39.3589

 247.3690, 3.7621,
6.6924

 28.7850, 36.5880,
24.7446

 18.5740, 29.7900,
11.7746

 6.2700, 24.0239,

-5.4988

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 145.8490, 46.4164,
45.7364

■ 145.8490, 46.4164,
45.7364

■ 129.6680, 54.3937,
53.7882

■ 162.0300, 38.4392,
37.6847

■ 113.1880, 62.5183,
61.2251

■ 178.5100, 30.3146,
30.2477

■ 97.0070, 70.4955,
69.2769

■ 194.6910, 22.3373,
22.1960

■ 80.8260, 78.4728,
77.3286

■ 210.8720, 14.3601,
14.1443

77.2930, 80.2146,
78.6730

227.0530, 6.3829,
6.0925

243.5330, -1.7418,
-1.3444

251.4960, -5.6675,
-2.1890

253.2900, -6.5520,
1.4997

Harmonies

Analogous

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



124.7380, 64.2192, -64.6682



145.8490, 46.4164, 45.7364



131.7030, 21.3454, 107.2545

Triad

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



145.8490, 46.4164, 45.7364



135.2130, -66.6600, 54.1872



123.9290, 30.6010, -108.6857

Complementary

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



145.8490, 46.4164, 45.7364



195.1510, -46.4164, -45.7364

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.



114.2050, -1.5801, -100.1578



145.8490, 46.4164, 45.7364



129.5780, -63.8820, 3.0011

Square

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



145.8490, 46.4164, 45.7364



133.1840, -48.8977, 97.1856



106.4720, -36.7147, -77.5899



128.7630, 59.2768, -112.9252

Rectangle

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



145.8490, 46.4164, 45.7364



121.3610, 3.2730, 117.2014



106.4720, -36.7147, -77.5899



120.4920, 19.9704, -105.6715

Sweetspot

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



145.8490, 46.4164, 45.7364



225.8720, 14.3601, 14.1443



142.6740, 47.9817, -36.5481



110.3460, 8.7034, 8.4666



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.



145.8490, 46.4164, 45.7364



134.3680, 59.4716, 58.4363



155.5570, 29.3054, 74.0565



111.7600, 4.0623, 3.7185



59.2480, 61.5027, 60.2955



18.0450, 18.7118, 18.3775

Inverse Universe

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



147.3490, -2.1441, 81.2549



136.2640, -3.0882, 104.1315



185.4430, -29.3054, -74.0565



111.9300, -0.4585, 7.0774



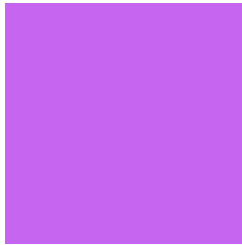
61.2860, -3.0990, 107.6202



18.6820, -0.8292, 32.7279

Previews

White Background



This preview shows how the YUV color 145.8490, 46.4164, 45.7364 looks on a white background.

Color Contrast Check

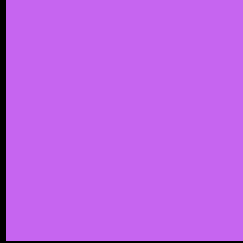
Large Text (above 18pt) WCAG AA ✓ Pass

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 145.8490, 46.4164, 45.7364 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

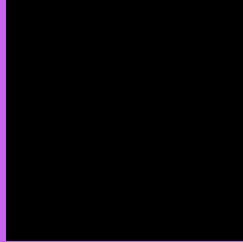
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 145.8490, 46.4164, 45.7364

Background



This preview shows how black text looks on a background with the YUV color 145.8490, 46.4164, 45.7364.



This preview shows how white text looks on a background with the YUV color 145.8490, 46.4164, 45.7364.

45.7364.

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

145.8490, 46.4164, 45.7364

Protanopia

137.8610, 57.7495, -42.8511

Deuteranopia

138.1850, 46.2508, -41.3812



Tritanopia

146.1720, -4.0288, 32.2982

Trichromacy



Original Color

145.8490, 46.4164, 45.7364



Protanomaly

141.0330, 53.7207, -10.5529



Deuteranomaly

140.7960, 46.4426, -9.4681



Tritanomaly

146.0150, 14.2896, 36.8208

Monochromacy



Original Color

145.8490, 46.4164, 45.7364



Achromatopsia

146.0000, 0.0000, 0.0000



Achromatomaly

146.1650, 16.6807, 16.5183

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.8490, 46.4164, 45.7364 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(198, 101, 240)` looks like.

```
.text, #text, p{  
    color:rgb(198, 101, 240)  
}
```

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(198, 101, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 101, 240) }
```

Border

The CSS property to change the border of an element to YUV 145.8490, 46.4164, 45.7364 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(198, 101, 240) }
```


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

```
.border{ border-color:rgb(198, 101, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 101, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 101, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 101, 240);  
box-shadow:4px 4px 4px 4px rgb(198, 101,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 145.8490, 46.4164, 45.7364 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 101, 240) }
```

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

```
.background{ background-color: rgb(198,  
101, 240) }
```

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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