

Converting Colors

YUV(150.4730, 46.6018,
32.9112)

Have a look what the booklet for
YUV(150.4730, 46.6018, 32.9112)
contains.

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Color

**YUV(150.4730, 46.6018,
32.9112)**

Conversions

Conversions Part 1

Format	Color
Hex	BC71F5
RGB	188, 113, 245
RGB Percent	74%, 44%, 96%
CMY	0.2627, 0.5569, 0.0392
CMYK	0.23, 0.54, 0.00, 0.04
HSL	274°, 87%, 70%
HSV	274°, 54%, 96%
XYZ	43.1256, 29.0942, 89.7290
YIQ	150.4730, 2.3280, 56.9520

Conversions

Conversions Part 2

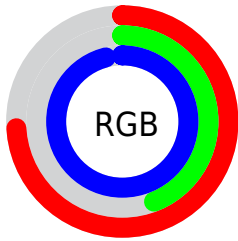
Format	Color
R _Y B	188, 113, 245
Decimal	12349941
CIE _{Lab}	60.86, 52.90, -54.98
CIE _{LCh}	61, 76.297, 313.892
Y _{xy}	29.0942, 0.2663, 0.1797
Android (android.graphics.Color)	4290540021 (0xFFBC71F5)
YUV	150.4730, 46.6018, 32.9112
Hunter-Lab	53.9390, 48.3219, -60.8731

Details

The YUV color **150.4730, 46.6018, 32.9112** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **207.5270, -46.6018, -32.9112**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.9520, 26.6457, 40.3841**, and **96.4080, 45.1549, 30.3372** is the 20% darker color. If you saturate the color by 10%, you get **133.0960, 55.1687, 38.5038**, and if you desaturate by 10%, it is **168.4370, 37.7456, 26.8038**.

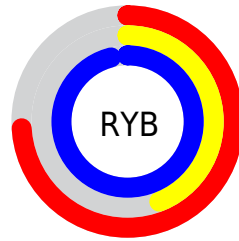
Distribution



Red (74%)

Green (44%)

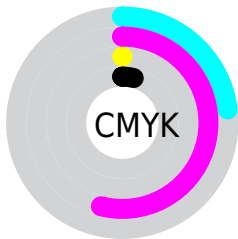
Blue (96%)



Red (74%)

Yellow (44%)

Blue (96%)

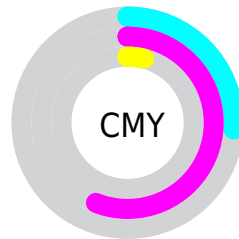


Cyan (23%)

Magenta (54%)

Yellow (0%)

Black (4%)



Cyan (26%)


Magenta (56%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the YUV color 150.4730, 46.6018, 32.9112 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 150.4730, 46.6018, 32.9112 by changing the saturation by 10% instead.


 150.4730, 46.6018,
32.9112


 150.4730, 46.6018,
32.9112


255.0000, 0.0000,
0.0000

 123.2340, 45.7336,
31.3668


 200.9520, 26.6457,
40.3841

 96.4080, 45.1549,
30.3372


 219.7800, 17.3635,
30.8879


 68.9950, 44.8655,
29.8224

 236.8030, 8.9711,
15.9588

 38.0000, 47.3280,
33.3260

253.8260, 0.5788,
1.0296

 26.3650, 40.2461,
18.0969

 15.4420, 33.3061,
3.9974

 6.7260, 25.7711,

-5.8987

■ 5.2780, 15.1459,
-4.6288

■ 1.3680, 5.2416,
-1.1997

■ 150.4730, 46.6018,
32.9112

■ 150.4730, 46.6018,
32.9112

■ 133.0960, 55.1687,
38.5038

■ 168.4370, 37.7456,
26.8038

■ 115.4310, 63.8775,
45.2260

■ 185.5150, 29.3261,
20.5963

■ 98.0540, 72.4444,
50.8186

■ 203.4790, 20.4699,
14.4889

■ 80.3890, 81.1532,
57.5408

■ 220.5570, 12.0504,
8.2815

69.4910, 86.5259,
60.9594

238.5210, 3.1941,
2.1741

252.6640, -3.7784,
-1.4593

253.8600, -4.3680,
0.9998

Harmonies

Analogous

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



119.8770, 66.6156, -86.7151



150.4730, 46.6018, 32.9112



141.7290, 21.8256, 93.1997

Triad

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



150.4730, 46.6018, 32.9112



137.9040, -67.9867, 59.7202



124.0770, 26.0910, -108.8155

Complementary

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



150.4730, 46.6018, 32.9112



207.5270, -46.6018, -32.9112

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.



114.9230, -3.9060, -100.7875



150.4730, 46.6018, 32.9112



134.6500, -66.3824, 11.7080

Square

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



150.4730, 46.6018, 32.9112



138.5350, -41.1828, 96.0008



122.0410, -42.9112, -50.0250



129.9710, 53.7513, -113.9846

Rectangle

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



150.4730, 46.6018, 32.9112



132.8220, 4.0318, 107.1501



122.0410, -42.9112, -50.0250



121.4550, 16.0447, -106.5160

Sweetspot

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



150.4730, 46.6018, 32.9112



225.5510, 14.5184, 10.0408



161.5070, 41.1620, -42.5406



110.0360, 8.8563, 6.1074



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.



150.4730, 46.6018, 32.9112



136.0300, 58.6522, 41.1927



166.4900, 34.2684, 68.8533



113.4610, 4.2097, 3.1037



52.8980, 65.6193, 46.5705



16.5930, 20.9067, 14.3889

Inverse Universe

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



158.9660, 5.4398, 75.4518



146.8420, 6.9799, 94.8546



191.5100, -34.2684, -68.8533



114.1580, 0.4151, 6.8774



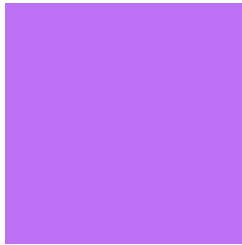
64.7340, 7.5261, 106.3503



20.4910, 2.2229, 33.7724

Previews

White Background



This preview shows how the YUV color 150.4730, 46.6018, 32.9112 looks on a white background.

Color Contrast Check

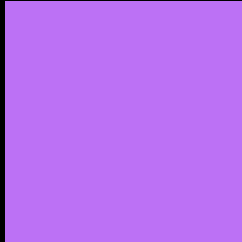
Large Text (above 18pt) WCAG AA ✓ Pass

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 150.4730, 46.6018, 32.9112 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

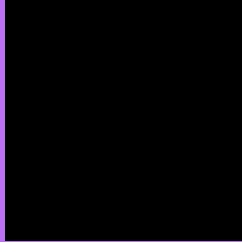
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 150.4730, 46.6018, 32.9112

Background



This preview shows how black text looks on a background with the YUV color 150.4730, 46.6018, 32.9112.



This preview shows how white text looks on a background with the YUV color 150.4730, 46.6018,

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

150.4730, 46.6018, 32.9112

Protanopia

141.7150, 55.8495, -40.0921

Deuteranopia

140.9290, 47.8560, -42.9107



Tritanopia

149.3060, -0.6439, 19.9026

Trichromacy



Original Color

150.4730, 46.6018, 32.9112



Protanomaly

144.6690, 52.4212, -13.7417



Deuteranomaly

144.6920, 47.4798, -15.5159



Tritanomaly

149.8070, 16.3641, 24.7253

Monochromacy



Original Color

150.4730, 46.6018, 32.9112



Achromatopsia

150.0000, 0.0000, 0.0000



Achromatomaly

150.5450, 16.9863, 11.8000

CSS Examples

Text

The CSS property to change the color of the text to YUV 150.4730, 46.6018, 32.9112 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(188, 113, 245)` looks like.

```
.text, #text, p{  
    color:rgb(188, 113, 245)  
}
```

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(188, 113, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 113, 245) }
```

Border

The CSS property to change the border of an element to YUV 150.4730, 46.6018, 32.9112 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(188, 113, 245) }
```


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

```
.border{ border-color:rgb(188, 113, 245) }
```

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

Here you see how a box with a 4 pixel rgb(188, 113, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 113, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 113, 245);  
box-shadow:4px 4px 4px 4px rgb(188, 113,  
245) }
```

Background

The CSS property to change the background color of an element to YUV 150.4730, 46.6018, 32.9112 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 113, 245) }
```

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

```
.background{ background-color: rgb(188,  
113, 245) }
```

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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