

Converting Colors

YUV(148.7070, 45.0074,
30.9520)

Have a look what the booklet for
YUV(148.7070, 45.0074, 30.9520)
contains.

| | |
|--|----|
| YUV(148.7070, 45.0074, 30.9520) | 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(148.7070, 45.0074,
30.9520)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | B871F0 |
| RGB | 184, 113, 240 |
| RGB Percent | 72%, 44%, 94% |
| CMY | 0.2784, 0.5569, 0.0588 |
| CMYK | 0.23, 0.53, 0.00, 0.06 |
| HSL | 274°, 81%, 69% |
| HSV | 274°, 53%, 94% |
| XYZ | 41.4005, 28.2919, 85.7169 |
| YIQ | 148.7070, 1.5490, 54.5490 |

Conversions

Conversions Part 2

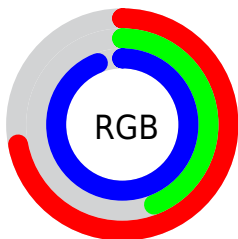
| Format | Color |
|-------------------------------------|--|
| RYB | 184, 113, 240 |
| Decimal | 12087792 |
| CIELab | 60.15, 50.78, -53.38 |
| CIELCh | 60, 73.670, 313.571 |
| Yxy | 28.2919, 0.2664, 0.1820 |
| Android (android.graphics.Color) | 4290277872 (0xFFB871F0) |
| YUV | 148.7070, 45.0074, 30.9520 |
| Hunter-Lab | 53.1901, 45.8526, -58.3139 |

Details

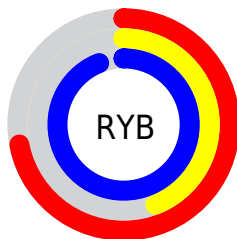
The YUV color **148.7070, 45.0074, 30.9520** is a light color, and the websafe version is hex **CC66FF**. A complement of this color would be **204.2930, -45.0074, -30.9520**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.4570, 27.3827, 37.3102**, and **94.9410, 43.4131, 28.9927** is the 20% darker color. If you saturate the color by 10%, you get **131.3300, 53.5743, 36.5446**, and if you desaturate by 10%, it is **166.0840, 36.4406, 25.3593**.

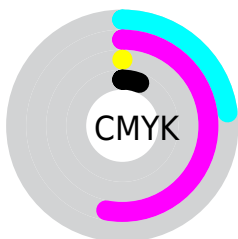
Distribution



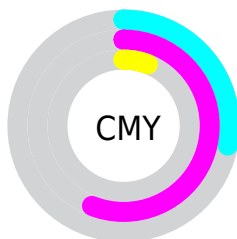
- Red (72%)
- Green (44%)
- Blue (94%)



- Red (72%)
- Yellow (44%)
- Blue (94%)



- Cyan (23%)
- Magenta (53%)
- Yellow (0%)
- Black (6%)



- Cyan (28%)
- Magenta (56%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.7070, 45.0074, 30.9520 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 148.7070, 45.0074, 30.9520 by changing the saturation by 10% instead.

■ 148.7070, 45.0074,
30.9520

■ 148.7070, 45.0074,
30.9520

255.0000, 0.0000,
0.0000

■ 121.7670, 43.9919,
30.0223

■ 199.4570, 27.3827,
37.3102

■ 94.9410, 43.4131,
28.9927

■ 219.7800, 17.3635,
30.8879

■ 68.2290, 43.2711,
27.8632

■ 236.2160, 9.2605,
16.4736

■ 37.4080, 45.1549,
30.3372

■ 253.2390, 0.8682,
1.5444

■ 24.8980, 38.5043,
16.7525

■ 14.6870, 31.7063,
3.7825

■ 6.2700, 24.0239,

-5.4988

■ 4.8220, 13.3988,
-4.2289

■ 0.5700, 2.1840,
-0.4999

■ 148.7070, 45.0074,
30.9520

■ 148.7070, 45.0074,
30.9520

■ 131.3300, 53.5743,
36.5446

■ 166.0840, 36.4406,
25.3593

■ 114.2520, 61.9938,
42.7520

■ 183.1620, 28.0211,
19.1519

■ 96.8750, 70.5606,
48.3446

■ 200.5390, 19.4543,
13.5593

■ 79.7970, 78.9801,
54.5520

■ 217.6170, 11.0348,
7.3519

67.4260, 85.0790,
58.3854

234.9940, 2.4680,
1.7593

250.8980, -5.3727,
-3.4185

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.



122.5790, 65.2836, -79.4378



148.7070, 45.0074, 30.9520



140.7670, 20.8209, 88.7813

Triad

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



148.7070, 45.0074, 30.9520



136.4200, -67.2551, 58.3907



121.9740, 25.6488, -106.9712

Complementary

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



148.7070, 45.0074, 30.9520



204.2930, -45.0074, -30.9520

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.



113.0480, -3.4747, -99.1431



148.7070, 45.0074, 30.9520



132.5900, -65.3669, 12.6376

Square

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



148.7070, 45.0074, 30.9520



137.2680, -39.5721, 92.7270



121.8180, -41.3223, -46.3214



127.6400, 52.4355, -111.9403

Rectangle

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



148.7070, 45.0074, 30.9520



134.4690, 2.7268, 105.7057



121.8180, -41.3223, -46.3214



119.3520, 15.6025, -104.6717

Sweetspot

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



148.7070, 45.0074, 30.9520



225.5510, 14.5184, 10.0408



160.9370, 38.9781, -42.0407



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.



148.7070, 45.0074, 30.9520



137.7910, 57.7840, 39.6483



164.7670, 34.1319, 65.9793



111.4610, 4.2097, 3.1037



51.7730, 65.1879, 44.9261



15.6530, 19.8911, 13.4593

Inverse Universe

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



157.3570, 5.7400, 72.4779



148.9450, 7.4221, 93.0102



188.2330, -34.1319, -65.9793



112.1580, 0.4151, 6.8774



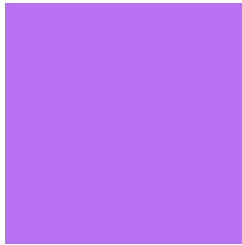
64.2500, 8.2577, 105.0208



19.5940, 2.6652, 31.9281

Previews

White Background



This preview shows how the YUV color 148.7070, 45.0074, 30.9520 looks on a white background.

Color Contrast Check

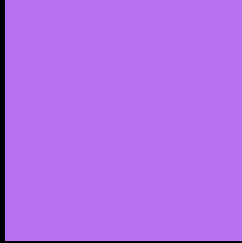
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.7070, 45.0074, 30.9520 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

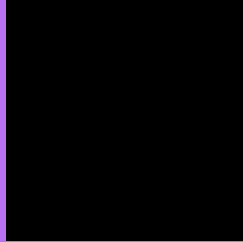
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.7070, 45.0074, 30.9520

Background



This preview shows how black text looks on a background with the YUV color 148.7070, 45.0074, 30.9520.



This preview shows how white text looks on a background with the YUV color 148.7070, 45.0074,

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

148.7070, 45.0074, 30.9520

Protanopia

140.2310, 56.5811, -41.4216

Deuteranopia

140.0710, 45.8140, -41.2813



Tritanopia

146.8220, 0.0878, 18.5731

Trichromacy



Original Color

148.7070, 45.0074, 30.9520



Protanomaly

143.0710, 52.7160, -14.9713



Deuteranomaly

143.2360, 45.7327, -15.1160



Tritanomaly

147.7960, 16.3696, 22.9809

Monochromacy



Original Color

148.7070, 45.0074, 30.9520



Achromatopsia

149.0000, 0.0000, 0.0000



Achromatomaly

149.0180, 16.2601, 11.3852

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.7070, 45.0074, 30.9520 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(184, 113, 240)` looks like.

```
.text, #text, p{  
    color:rgb(184, 113, 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(184, 113, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 113, 240) }
```

Border

The CSS property to change the border of an element to YUV 148.7070, 45.0074, 30.9520 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(184, 113, 240) }
```


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

```
.border{ border-color:rgb(184, 113, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 113, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 113, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 113, 240);  
box-shadow:4px 4px 4px 4px rgb(184, 113,  
240) }
```

Background

The CSS property to change the background color of an element to YUV 148.7070, 45.0074, 30.9520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 113, 240) }
```

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

```
.background{ background-color: rgb(184,  
113, 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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