

Converting Colors

YUV(67.2130, 27.5030, 45.4172)

Have a look what the booklet for
YUV(67.2130, 27.5030, 45.4172)
contains.

YUV(67.2130, 27.5030, 45.4172)	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(67.2130, 27.5030,
45.4172)**

Conversions

Conversions Part 1

Format	Color
Hex	771E7B
RGB	119, 30, 123
RGB Percent	47%, 12%, 48%
CMY	0.5333, 0.8824, 0.5176
CMYK	0.03, 0.76, 0.00, 0.52
HSL	297°, 61%, 30%
HSV	297°, 76%, 48%
XYZ	11.6472, 6.2805, 19.3373
YIQ	67.2130, 23.1910, 47.7910

Conversions

Conversions Part 2

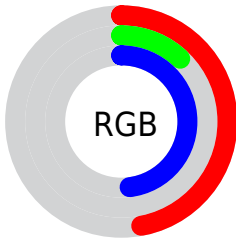
Format	Color
R_{YB}	119, 30, 123
Decimal	7806587
CIE _{Lab}	30.11, 49.60, -32.92
CIE _{LCh}	30, 59.532, 326.428
Yxy	6.2805, 0.3125, 0.1685
Android (android.graphics.Color)	4285996667 (0xFF771E7B)
YUV	67.2130, 27.5030, 45.4172
Hunter-Lab	25.0610, 39.1016, -28.2059

Details

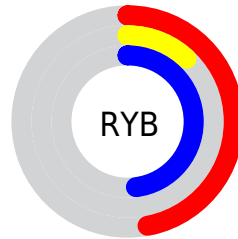
The YUV color **67.2130, 27.5030, 45.4172** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **85.7870, -27.5030, -45.4172**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.3980, 26.9188, 46.1320**, and **28.4690, 22.4468, 33.7917** is the 20% darker color. If you saturate the color by 10%, you get **59.8700, 31.1231, 50.9800**, and if you desaturate by 10%, it is **74.5560, 23.8829, 39.8544**.

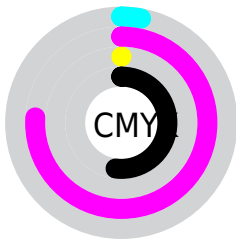
Distribution



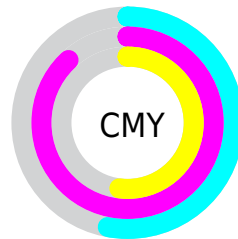
- Red (47%)
- Green (12%)
- Blue (48%)



- Red (47%)
- Yellow (12%)
- Blue (48%)



- Cyan (3%)
- Magenta (76%)
- Yellow (0%)
- Black (52%)



- Cyan (53%)
- Magenta (88%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2130, 27.5030, 45.4172 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 67.2130, 27.5030, 45.4172 by changing the saturation by 10% instead.

67.2130, 27.5030,
45.4172

67.2130, 27.5030,
45.4172

255.0000, 0.0000,
0.0000

38.6800, 29.2448,
46.7616

121.3980, 26.9188,
46.1320

28.4690, 22.4468,
33.7917

148.8110, 27.2082,
46.6468

19.2690, 15.6434,
22.5661

176.5230, 27.3502,
47.7763

3.1920, 12.2303,
-2.7994

202.1700, 26.0452,
46.3319

0.0000, 0.0000,
0.0000

218.6060, 17.9422,
31.9175

235.0420, 9.8393,

17.5032

252.6520, 1.1576,
2.0592

67.2130, 27.5030,
45.4172

67.2130, 27.5030,
45.4172

59.8700, 31.1231,
50.9800

74.5560, 23.8829,
39.8544

52.2390, 34.8852,
57.6724

82.1870, 20.1208,
33.1620

49.3040, 36.3321,
60.2464

89.5300, 16.5007,
27.5992

96.5740, 13.0280,
21.4216

103.9170, 9.4079,
15.8588

■ 111.5480, 5.6458,
9.1664

■ 118.8910, 2.0257,
3.6036

■ 125.9350, -1.4470,
-2.5740

■ 133.8650, -5.3564,
-8.6516

Harmonies

Analogous

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



66.9320, 43.4175, -19.2344



67.2130, 27.5030, 45.4172



52.6600, 12.9856, 81.8592

Triad

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



67.2130, 27.5030, 45.4172



66.8370, -32.9506, 22.0680



65.4840, 22.4394, -57.4295

Complementary

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



67.2130, 27.5030, 45.4172



85.7870, -27.5030, -45.4172

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.



59.5390, 2.1993, -52.2157



67.2130, 27.5030, 45.4172



61.3120, -30.2268, -11.6746

Square

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



67.2130, 27.5030, 45.4172



64.0890, -31.5959, 54.2959



51.6220, -20.5196, -45.2725



68.0550, 39.9059, -59.6842

Rectangle

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



67.2130, 27.5030, 45.4172



50.0230, -0.9973, 86.8028



51.6220, -20.5196, -45.2725



63.7740, 15.8874, -55.9298

Sweetspot

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



67.2130, 27.5030, 45.4172



138.6830, 11.0023, 17.8180



43.5370, 39.1753, -11.8719



68.2000, 6.8034, 11.2256



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



67.2130, 27.5030, 45.4172



72.6180, 43.5723, 71.3720



63.6210, 8.5678, 52.0754



57.4780, 1.7363, 3.0888



50.1300, 36.9109, 61.2760



101.0860, 74.4006, 123.5816

Inverse Universe

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



58.2630, -11.9617, 56.7743



58.7510, -18.6112, 89.6724



89.3790, -8.5678, -52.0754



56.7940, -0.8844, 3.6887



37.9450, -16.2419, 76.3472



76.6020, -32.3418, 153.8240

Previews

White Background



This preview shows how the YUV color 67.2130, 27.5030, 45.4172 looks on a white 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

Black Background



This preview shows how the YUV color 67.2130, 27.5030, 45.4172 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

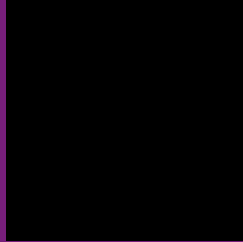
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.2130, 27.5030, 45.4172

Background



This preview shows how black text looks on a background with the YUV color 67.2130, 27.5030, 45.4172.



This preview shows how white text looks on a background with the YUV color 67.2130, 27.5030,

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

67.2130, 27.5030, 45.4172

Protanopia

57.9620, 44.3887, -50.8327

Deuteranopia

69.3560, 23.4885, -20.4832



Tritanopia

71.4990, -6.6550, 34.6424

Trichromacy



Original Color

67.2130, 27.5030, 45.4172

Protanomaly

60.9880, 38.4599, -15.7755

Deuteranomaly

68.8520, 24.7230, 3.6378

Tritanomaly

69.8490, 5.9904, 38.7204

Monochromacy



Original Color

67.2130, 27.5030, 45.4172

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.3300, 9.6973, 16.3736

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2130, 27.5030, 45.4172 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(119, 30, 123)` looks like.

```
.text, #text, p{  
    color:rgb(119, 30, 123)  
}
```

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(119, 30, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 30, 123) }
```

Border

The CSS property to change the border of an element to YUV 67.2130, 27.5030, 45.4172 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(119, 30, 123) }
```


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

```
.border{ border-color:rgb(119, 30, 123) }
```

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

Here you see how a box with a 4 pixel rgb(119, 30, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 30, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 30, 123);  
box-shadow:4px 4px 4px 4px rgb(119, 30,  
123) }
```

Background

The CSS property to change the background color of an element to YUV 67.2130, 27.5030, 45.4172 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 30, 123) }
```

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

```
.background{ background-color: rgb(119, 30,  
123) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor