

Converting Colors

YUV(132.6670, 46.0132,
81.8530)

Have a look what the booklet for
YUV(132.6670, 46.0132, 81.8530)
contains.

YUV(132.6670, 46.0132, 81.8530)	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(132.6670, 46.0132,
81.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	E243E2
RGB	226, 67, 226
RGB Percent	89%, 26%, 89%
CMY	0.1137, 0.7373, 0.1137
CMYK	0.00, 0.70, 0.00, 0.11
HSL	300°, 73%, 57%
HSV	300°, 70%, 89%
XYZ	47.0987, 25.6740, 74.4247
YIQ	132.6670, 43.7250, 83.1570

Conversions

Conversions Part 2

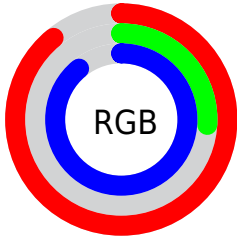
Format	Color
R _Y B	226, 67, 226
Decimal	14828514
CIE Lab	57.73, 77.88, -49.06
CIE LCh	58, 92.044, 327.789
Yxy	25.6740, 0.3200, 0.1744
Android (android.graphics.Color)	4293018594 (0xFFE243E2)
YUV	132.6670, 46.0132, 81.8530
Hunter-Lab	50.6696, 77.2486, -51.6179

Details

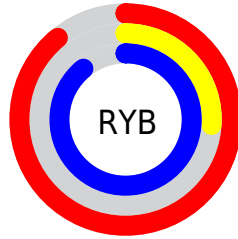
The YUV color **132.6670, 46.0132, 81.8530** is a light color, and the websafe version is hex **CC33CC**. The color can be described as light muted magenta. A complement of this color would be **160.3330, -46.0132, -81.8530**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0380, 36.4633, 64.8647**, and **69.3130, 49.6387, 85.6715** is the 20% darker color. If you saturate the color by 10%, you get **119.1660, 52.6692, 93.6934**, and if you desaturate by 10%, it is **146.1680, 39.3572, 70.0127**.

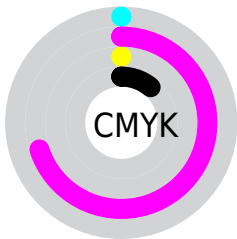
Distribution



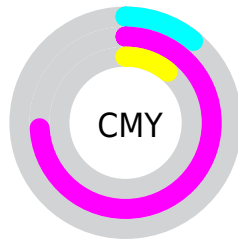
- Red (89%)
- Green (26%)
- Blue (89%)



- Red (89%)
- Yellow (26%)
- Blue (89%)



- Cyan (0%)
- Magenta (70%)
- Yellow (0%)
- Black (11%)



- Cyan (11%)
- Magenta (74%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 132.6670, 46.0132, 81.8530 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 132.6670, 46.0132, 81.8530 by changing the saturation by 10% instead.

132.6670, 46.0132,
81.8530

132.6670, 46.0132,
81.8530

255.0000, 0.0000,
0.0000

97.0250, 49.7807,
86.8011

181.0380, 36.4633,
64.8647

69.3130, 49.6387,
85.6715

198.0610, 28.0709,
49.9355

57.5640, 42.1199,
70.5424

215.6710, 19.3892,
34.4915

45.9290, 35.0380,
55.3133

232.6940, 10.9969,
19.5624

34.5930, 27.8087,
40.6989

250.3040, 2.3151,
4.1184

23.7840, 21.3055,
26.4994

11.5940, 15.9762,

9.1261

■ 3.0950, 9.3202,
-2.7143

■ 0.0000, 0.0000,
0.0000

■ 132.6670, 46.0132,
81.8530

■ 132.6670, 46.0132,
81.8530

■ 119.1660, 52.6692,
93.6934

■ 146.1680, 39.3572,
70.0127

■ 106.2520, 59.0358,
105.0190

■ 159.0820, 32.9906,
58.6871

■ 93.3380, 65.4024,
116.3446

■ 172.5830, 26.3346,
46.8467

■ 185.4970, 19.9680,
35.5211

198.9980, 13.3120,
23.6808

212.4990, 6.6560,
11.8404

225.4130, 0.2894,
0.5148

238.9140, -6.3666,
-11.3256

243.0230, -8.3923,
-14.9292

Harmonies

Analogous

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



131.5030, 60.8840, -21.4891



132.6670, 46.0132, 81.8530



93.1170, 27.0573, 141.9714

Triad

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



132.6670, 46.0132, 81.8530



130.3850, -64.2798, 37.3734



125.1320, 42.8259, -109.7408

Complementary

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



132.6670, 46.0132, 81.8530



160.3330, -46.0132, -81.8530

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.



115.1970, 7.2979, -101.0278



132.6670, 46.0132, 81.8530



118.7920, -58.5645, -22.6196

Square

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



132.6670, 46.0132, 81.8530



126.6060, -62.4168, 93.3075



102.1160, -30.1302, -89.5557



127.0990, 63.0552, -111.4658

Rectangle

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



132.6670, 46.0132, 81.8530



87.0750, 3.9070, 147.2702



102.1160, -30.1302, -89.5557



122.1680, 31.4692, -107.1413

Sweetspot

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



132.6670, 46.0132, 81.8530



223.3020, 15.6271, 27.7991



85.1260, 69.4509, -15.8965



109.2160, 9.2605, 16.4736



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.



132.6670, 46.0132, 81.8530



129.3820, 61.9297, 110.1670



123.6610, 11.5061, 89.7513



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Inverse Universe

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



132.6670, 46.0132, 81.8530



129.3820, 61.9297, 110.1670



169.4530, -11.0693, -89.8513



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 132.6670, 46.0132, 81.8530 looks on a white background.

Color Contrast Check

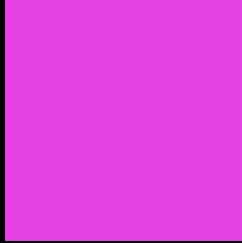
Large Text (above 18pt) WCAG AA ✓ Pass

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 132.6670, 46.0132, 81.8530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

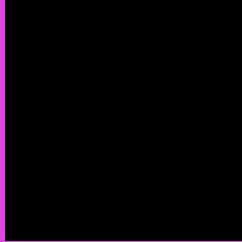
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 132.6670, 46.0132, 81.8530

Background



This preview shows how black text looks on a background with the YUV color 132.6670, 46.0132, 81.8530.



This preview shows how white text looks on a background with the YUV color 132.6670, 46.0132, 81.8530.

81.8530.

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

132.6670, 46.0132, 81.8530

Protanopia

131.3380, 60.9654, -47.6544

Deuteranopia

136.0030, 38.9455, -31.5746



Tritanopia

138.2040, -12.4256, 65.5961

Trichromacy



Original Color

132.6670, 46.0132, 81.8530



Protanomaly

131.5550, 55.4354, -0.4867



Deuteranomaly

134.9510, 41.4362, 9.6900



Tritanomaly

136.1550, 8.7976, 71.7781

Monochromacy



Original Color

132.6670, 46.0132, 81.8530



Achromatopsia

133.0000, 0.0000, 0.0000



Achromatomaly

132.9540, 16.7847, 29.8583

CSS Examples

Text

The CSS property to change the color of the text to YUV 132.6670, 46.0132, 81.8530 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(226, 67, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 67, 226)  
}
```

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(226, 67, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 67, 226) }
```

Border

The CSS property to change the border of an element to YUV 132.6670, 46.0132, 81.8530 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(226, 67, 226) }
```


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

```
.border{ border-color:rgb(226, 67, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 67, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 67, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 67, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 67,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 132.6670, 46.0132, 81.8530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 67, 226) }
```

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

```
.background{ background-color: rgb(226, 67,  
226) }
```

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