

Converting Colors

YUV(141.6670, 46.0132,
81.8530)

Have a look what the booklet for
YUV(141.6670, 46.0132, 81.8530)
contains.

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Color

**YUV(141.6670, 46.0132,
81.8530)**

Conversions

Conversions Part 1

Format	Color
Hex	EB4CEB
RGB	235, 76, 235
RGB Percent	92%, 30%, 92%
CMY	0.0784, 0.7020, 0.0784
CMYK	0.00, 0.68, 0.00, 0.08
HSL	300°, 80%, 61%
HSV	300°, 68%, 92%
XYZ	51.8408, 28.8292, 81.4295
YIQ	141.6670, 43.7250, 83.1570

Conversions

Conversions Part 2

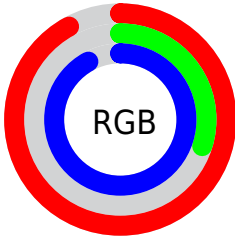
Format	Color
RYB	235, 76, 235
Decimal	15420651
CIELab	60.63, 78.22, -49.42
CIElCh	61, 92.520, 327.715
Yxy	28.8292, 0.3198, 0.1778
Android (android.graphics.Color)	4293610731 (0xFFEB4CEB)
YUV	141.6670, 46.0132, 81.8530
Hunter-Lab	53.6928, 78.3805, -52.3331

Details

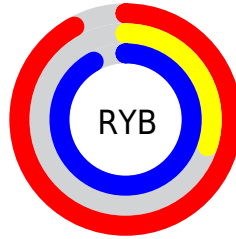
The YUV color **141.6670, 46.0132, 81.8530** is a light color, and the websafe version is hex **FF66FF**. The color can be described as light muted magenta. A complement of this color would be **169.3330, -46.0132, -81.8530**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.7340, 34.1481, 60.7463**, and **72.6170, 51.9538, 89.7899** is the 20% darker color. If you saturate the color by 10%, you get **127.5790, 52.9586, 94.2082**, and if you desaturate by 10%, it is **155.7550, 39.0678, 69.4979**.

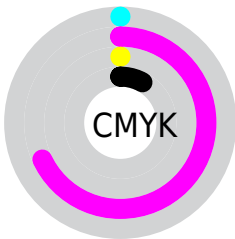
Distribution



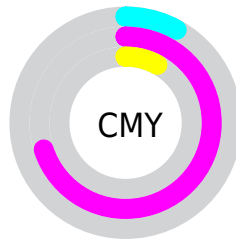
- Red (92%)
- Green (30%)
- Blue (92%)



- Red (92%)
- Yellow (30%)
- Blue (92%)



- Cyan (0%)
- Magenta (68%)
- Yellow (0%)
- Black (8%)




- Cyan (8%)
- Magenta (70%)
- Yellow (8%)

Brightness & Saturation Gradients


These gradients show how the YUV color 141.6670, 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 141.6670, 46.0132, 81.8530 by changing the saturation by 10% instead.


 141.6670, 46.0132,
81.8530


 141.6670, 46.0132,
81.8530


255.0000, 0.0000,
0.0000


 108.2590, 48.1863,
84.8419


 185.7340, 34.1481,
60.7463

 72.6170, 51.9538,
89.7899


 202.7570, 25.7558,
45.8171


 60.8680, 44.4351,
74.6608

 220.3670, 17.0741,
30.3731

 49.2330, 37.3531,
59.4317

 237.9770, 8.3923,
14.9292

 37.8970, 30.1238,
44.8173

 27.3870, 23.4732,
31.2326

 15.3820, 17.5597,

14.5740

■ 4.3660, 11.6516,
-3.8290

■ 0.0000, 0.0000,
0.0000

■ 141.6670, 46.0132,
81.8530

■ 141.6670, 46.0132,
81.8530

■ 127.5790, 52.9586,
94.2082

■ 155.7550, 39.0678,
69.4979

■ 114.0780, 59.6145,
106.0486

■ 169.2560, 32.4118,
57.6575

■ 99.9900, 66.5599,
118.4038

■ 183.3440, 25.4664,
45.3023

■ 97.0550, 68.0069,
120.9778

■ 196.8450, 18.8104,
33.4619

210.3460, 12.1544,
21.6216

224.4340, 5.2090,
9.2664

237.9350, -1.4470,
-2.5740

246.7400, -5.7878,
-10.2960

Harmonies

Analogous

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



138.3030, 57.5316, -19.5597



141.6670, 46.0132, 81.8530



94.0290, 30.5517, 141.1716

Triad

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



141.6670, 46.0132, 81.8530



137.4840, -67.7796, 39.9175



130.8540, 44.4420, -114.7590

Complementary

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



141.6670, 46.0132, 81.8530



169.3330, -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.



121.2780, 7.7509, -106.3608



141.6670, 46.0132, 81.8530



126.1790, -62.2062, -21.2050

Square

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



141.6670, 46.0132, 81.8530



133.7050, -65.9166, 95.8517



107.6100, -29.3877, -94.3740



131.7950, 60.7401, -115.5842

Rectangle

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



141.6670, 46.0132, 81.8530



100.2000, 0.8874, 135.7596



107.6100, -29.3877, -94.3740



128.3630, 32.3590, -112.5744

Sweetspot

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



141.6670, 46.0132, 81.8530



225.0630, 14.7589, 26.2547



94.1260, 69.4509, -15.8965



109.8030, 8.9711, 15.9588



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.



141.6670, 46.0132, 81.8530



133.4910, 59.9039, 106.5634



132.5470, 11.0693, 89.8513



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Inverse Universe

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



141.6670, 46.0132, 81.8530



133.4910, 59.9039, 106.5634



178.3390, -11.5061, -89.7513



110.5430, 3.1833, 5.6628



74.7530, 52.3798, 93.1786



22.3020, 15.6271, 27.7991

Previews

White Background



This preview shows how the YUV color 141.6670, 46.0132, 81.8530 looks on a white background.

Color Contrast Check

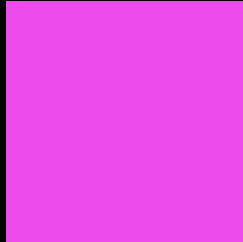
Large Text (above 18pt) WCAG AA ✓ Pass

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 141.6670, 46.0132, 81.8530 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

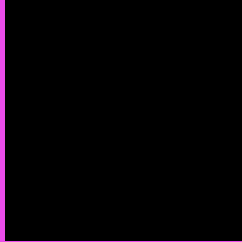
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 141.6670, 46.0132, 81.8530

Background



This preview shows how black text looks on a background with the YUV color 141.6670, 46.0132, 81.8530.



This preview shows how white text looks on a background with the YUV color 141.6670, 46.0132, 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

141.6670, 46.0132, 81.8530

Protanopia

141.1170, 56.1443, -41.3216

Deuteranopia

143.5300, 39.6717, -31.1598



Tritanopia

146.5030, -12.5730, 66.2109

Trichromacy



Original Color

141.6670, 46.0132, 81.8530



Protanomaly

141.4800, 52.5144, 3.0870



Deuteranomaly

143.0650, 41.8730, 9.5900



Tritanomaly

145.0410, 8.3608, 71.8780

Monochromacy



Original Color

141.6670, 46.0132, 81.8530



Achromatopsia

142.0000, 0.0000, 0.0000



Achromatomaly

141.9540, 16.7847, 29.8583

CSS Examples

Text

The CSS property to change the color of the text to YUV 141.6670, 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(235, 76, 235)` looks like.

```
.text, #text, p{  
    color:rgb(235, 76, 235)  
}
```

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(235, 76, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 76, 235) }
```

Border

The CSS property to change the border of an element to YUV 141.6670, 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(235, 76, 235) }
```


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

```
.border{ border-color:rgb(235, 76, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 76, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 76, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 76, 235);  
box-shadow:4px 4px 4px 4px rgb(235, 76,  
235) }
```

Background

The CSS property to change the background color of an element to YUV 141.6670, 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(235, 76, 235) }
```

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

```
.background{ background-color: rgb(235, 76,  
235) }
```

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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