

Converting Colors

YUV(158.0130, 47.8146,
64.0096)

Have a look what the booklet for
YUV(158.0130, 47.8146, 64.0096)
contains.

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Color

**YUV(158.0130, 47.8146,
64.0096)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | E766FF |
| RGB | 231, 102, 255 |
| RGB Percent | 91%, 40%, 100% |
| CMY | 0.0941, 0.6000, 0.0000 |
| CMYK | 0.09, 0.60, 0.00, 0.00 |
| HSL | 291°, 100%, 70% |
| HSV | 291°, 60%, 100% |
| XYZ | 55.7564, 33.7117, 98.1761 |
| YIQ | 158.0130, 27.7710, 74.9310 |

Conversions

Conversions Part 2

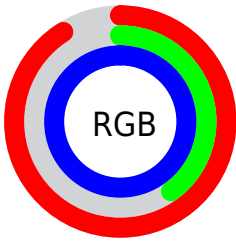
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 231, 102, 255 |
| Decimal | 15165183 |
| CIE Lab | 64.73, 70.57, -54.02 |
| CIE LCh | 65, 88.874, 322.566 |
| Yxy | 33.7117, 0.2971, 0.1797 |
| Android (android.graphics.Color) | 4293355263 (0xFFE766FF) |
| YUV | 158.0130, 47.8146, 64.0096 |
| Hunter-Lab | 58.0617, 69.8045, -59.6097 |

Details

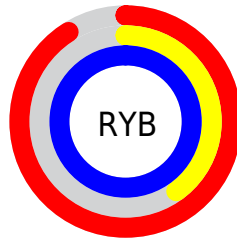
The YUV color **158.0130, 47.8146, 64.0096** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **198.9870, -47.8146, -64.0096**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6480, 27.7815, 49.4207**, and **97.4800, 49.5564, 65.3540** is the 20% darker color. If you saturate the color by 10%, you get **142.1420, 55.6390, 74.4205**, and if you desaturate by 10%, it is **174.4710, 39.7008, 53.0839**.

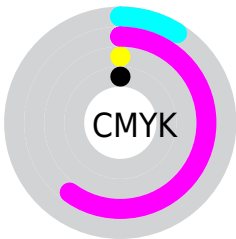
Distribution



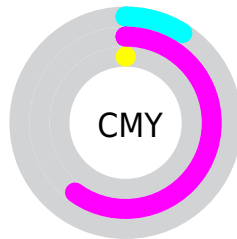
- Red (91%)
- Green (40%)
- Blue (100%)



- Red (91%)
- Yellow (40%)
- Blue (100%)



- Cyan (9%)
- Magenta (60%)
- Yellow (0%)
- Black (0%)





- Cyan (9%)
- Magenta (60%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 158.0130, 47.8146, 64.0096 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 158.0130, 47.8146, 64.0096 by changing the saturation by 10% instead.


 158.0130, 47.8146,
64.0096


 158.0130, 47.8146,
64.0096


255.0000, 0.0000,
0.0000


 128.7140, 47.9620,
63.3948


 198.6480, 27.7815,
49.4207

 97.4800, 49.5564,
65.3540


 215.6710, 19.3892,
34.4915


 62.1370, 53.1765,
70.9169

 232.6940, 10.9969,
19.5624

 50.6870, 45.5103,
56.4025

 250.3040, 2.3151,
4.1184

 39.2370, 37.8442,
41.8882

 28.0150, 31.0516,
27.1738

 16.9070, 24.6958,

12.3596

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 158.0130, 47.8146,
64.0096

■ 158.0130, 47.8146,
64.0096

■ 142.1420, 55.6390,
74.4205

■ 174.4710, 39.7008,
53.0839

■ 125.6840, 63.7528,
85.3461


■ 190.3420, 31.8764,
42.6731

■ 109.2260, 71.8666,
96.2718

■ 206.8000, 23.7626,
31.7474

■ 93.3550, 79.6910,
106.6827

■ 222.6710, 15.9382,
21.3365

 239.1290, 7.8244,
10.4109

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



143.4870, 54.9759, -39.8921



158.0130, 47.8146, 64.0096



130.2240, 24.5396, 109.4286

Triad

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



158.0130, 47.8146, 64.0096



147.8830, -72.9063, 50.9686



136.7410, 39.0747, -119.9219

Complementary

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



158.0130, 47.8146, 64.0096



198.9870, -47.8146, -64.0096

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.



126.8060, 3.5466, -111.2089



158.0130, 47.8146, 64.0096



139.8450, -68.9436, -6.8801

Square

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



158.0130, 47.8146, 64.0096



142.6390, -62.4330, 98.5406



113.4800, -32.2816, -99.5220



138.8390, 57.2674, -121.7618

Rectangle

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



158.0130, 47.8146, 64.0096



122.4210, 2.2574, 116.2718



113.4800, -32.2816, -99.5220



133.7770, 27.7179, -117.3224

Sweetspot

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



158.0130, 47.8146, 64.0096



225.9050, 14.3438, 19.3773



134.7040, 59.3059, -28.6814



109.4820, 9.1294, 11.8553



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.



158.0130, 47.8146, 64.0096



138.3210, 57.5227, 76.8945



159.3750, 22.0001, 83.8631



119.7710, 4.0569, 5.4628



69.9130, 59.6959, 79.8833



23.4420, 19.9951, 26.7994

Inverse Universe

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



150.4830, -12.0701, 91.6614



129.3220, -14.4557, 110.2196



197.6250, -22.0001, -83.8631



119.1150, -1.0427, 7.7921



60.5290, -15.0508, 114.4231



20.2760, -5.0661, 38.3459

Previews

White Background



This preview shows how the YUV color 158.0130, 47.8146, 64.0096 looks on a white background.

Color Contrast Check

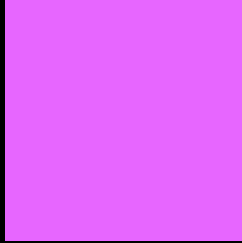
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 158.0130, 47.8146, 64.0096 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

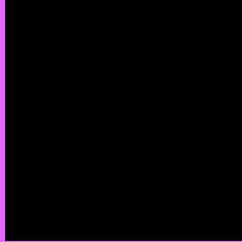
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.0130, 47.8146, 64.0096

Background



This preview shows how black text looks on a background with the YUV color 158.0130, 47.8146, 64.0096.



This preview shows how white text looks on a background with the YUV color 158.0130, 47.8146,

64.0096.

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

158.0130, 47.8146, 64.0096

Protanopia

154.1520, 49.7181, -33.4593

Deuteranopia

153.2780, 45.2189, -37.0778



Tritanopia

158.9570, -7.8668, 50.0267

Trichromacy



Original Color

158.0130, 47.8146, 64.0096



Protanomaly

155.5570, 49.0254, 2.1425



Deuteranomaly

155.1500, 46.2680, -0.1316

Tritanomaly

158.6690, 12.4882, 54.6643

Monochromacy



Original Color

158.0130, 47.8146, 64.0096



Achromatopsia

158.0000, 0.0000, 0.0000



Achromatomaly

158.3230, 17.0958, 23.3957

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.0130, 47.8146, 64.0096 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(231, 102, 255)` looks like.

```
.text, #text, p{  
    color:rgb(231, 102, 255)  
}
```

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(231, 102, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 102, 255) }
```

Border

The CSS property to change the border of an element to YUV 158.0130, 47.8146, 64.0096 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(231, 102, 255) }
```


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

```
.border{ border-color:rgb(231, 102, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 102, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 102, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 102, 255);  
box-shadow:4px 4px 4px 4px rgb(231, 102,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 158.0130, 47.8146, 64.0096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 102, 255) }
```

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

```
.background{ background-color: rgb(231,  
102, 255) }
```

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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