

Converting Colors

YUV(157.1490, 48.2405,
67.3983)

Have a look what the booklet for
YUV(157.1490, 48.2405, 67.3983)
contains.

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Color

**YUV(157.1490, 48.2405,
67.3983)**

Conversions

Conversions Part 1

Format	Color
Hex	EA63FF
RGB	234, 99, 255
RGB Percent	92%, 39%, 100%
CMY	0.0824, 0.6118, 0.0000
CMYK	0.08, 0.61, 0.00, 0.00
HSL	292°, 100%, 69%
HSV	292°, 61%, 100%
XYZ	56.4435, 33.6361, 98.1253
YIQ	157.1490, 30.3840, 77.1360

Conversions

Conversions Part 2

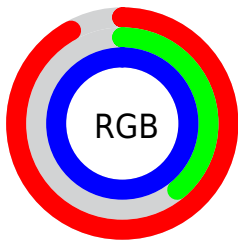
Format	Color
R _Y B	234, 99, 255
Decimal	15361023
CIE Lab	64.67, 72.54, -54.09
CIE LCh	65, 90.490, 323.289
Yxy	33.6361, 0.2999, 0.1787
Android (android.graphics.Color)	4293551103 (0xFFEA63FF)
YUV	157.1490, 48.2405, 67.3983
Hunter-Lab	57.9966, 72.2257, -59.7159

Details

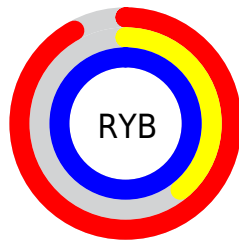
The YUV color **157.1490, 48.2405, 67.3983** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **196.8510, -48.2405, -67.3983**, and the grayscale version is **157.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.4740, 28.3603, 50.4503**, and **94.8550, 50.8505, 70.2872** is the 20% darker color. If you saturate the color by 10%, you get **140.9900, 56.2069, 78.9388**, and if you desaturate by 10%, it is **172.7210, 40.5635, 56.3727**.

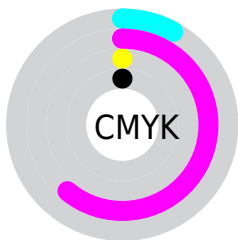
Distribution



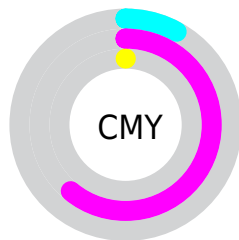
- Red (92%)
- Green (39%)
- Blue (100%)



- Red (92%)
- Yellow (39%)
- Blue (100%)



- Cyan (8%)
- Magenta (61%)
- Yellow (0%)
- Black (0%)





- Cyan (8%)
- Magenta (61%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the YUV color 157.1490, 48.2405, 67.3983 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 157.1490, 48.2405, 67.3983 by changing the saturation by 10% instead.


 157.1490, 48.2405,
67.3983


 157.1490, 48.2405,
67.3983


255.0000, 0.0000,
0.0000

 127.2630, 48.6773,
67.2983


 197.4740, 28.3603,
50.4503


 94.8550, 50.8505,
70.2872


 214.4970, 19.9680,
35.5211


 63.0340, 52.7342,
72.7612

 231.5200, 11.5756,
20.5920

 51.2850, 45.2155,
57.6321

 249.1300, 2.8939,
5.1480

 39.8350, 37.5493,
43.1177

 28.6130, 30.7568,
28.4034

 17.5050, 24.4010,

13.5891

■ 4.9020, 18.7823,
-4.2991

■ 2.9810, 8.8834,
-2.6143

■ 157.1490, 48.2405,
67.3983

■ 157.1490, 48.2405,
67.3983

■ 140.9900, 56.2069,
78.9388

■ 172.7210, 40.5635,
56.3727

■ 125.1190, 64.0313,
89.3496

■ 189.1790, 32.4498,
45.4470

■ 108.9600, 71.9977,
100.8901

■ 205.3380, 24.4834,
33.9066

■ 95.1490, 78.8065,
110.3713

■ 221.2090, 16.6590,
23.4957

■ 237.3680, 8.6926,
11.9553

■ 253.2390, 0.8682,
1.5444

■ 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.



143.4980, 54.9705, -38.1477



157.1490, 48.2405, 67.3983



126.5880, 25.8391, 112.6173

Triad

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



157.1490, 48.2405, 67.3983



147.5840, -72.7589, 50.3538



137.6700, 40.0957, -120.7366

Complementary

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



157.1490, 48.2405, 67.3983



196.8510, -48.2405, -67.3983

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.



126.9200, 3.9834, -111.3088



157.1490, 48.2405, 67.3983



138.9480, -68.5014, -8.7244

Square

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



157.1490, 48.2405, 67.3983



141.2710, -67.6746, 99.7403



113.3660, -32.7184, -99.4220



138.8390, 57.2674, -121.7618

Rectangle

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



157.1490, 48.2405, 67.3983



119.2580, 2.8308, 119.0457



113.3660, -32.7184, -99.4220



134.5920, 28.3021, -118.0372

Sweetspot

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



157.1490, 48.2405, 67.3983



226.2040, 14.1964, 19.9921



130.2850, 61.4845, -27.4369



109.7810, 8.9820, 12.4701



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.



157.1490, 48.2405, 67.3983



138.3430, 57.5119, 80.3832



157.1580, 21.1211, 85.8074



119.7710, 4.0569, 5.4628



71.4080, 58.9589, 82.9572



23.7410, 19.8477, 27.4141

Inverse Universe

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



148.0380, -13.8227, 93.8057



127.4640, -16.4978, 111.8491



196.8420, -21.1211, -85.8074



119.0010, -1.4795, 7.8921



60.0730, -16.7980, 114.8230



20.1620, -5.5029, 38.4459

Previews

White Background



This preview shows how the YUV color 157.1490, 48.2405, 67.3983 looks on a white background.

Color Contrast Check

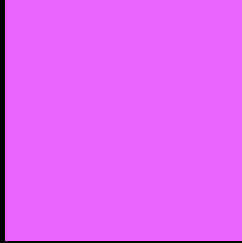
Large Text (above 18pt) WCAG AA × Fail

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 157.1490, 48.2405, 67.3983 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

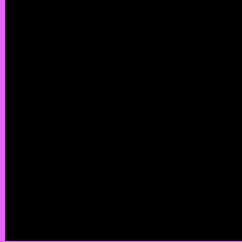
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 157.1490, 48.2405, 67.3983

Background



This preview shows how black text looks on a background with the YUV color 157.1490, 48.2405, 67.3983.



This preview shows how white text looks on a background with the YUV color 157.1490, 48.2405,

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

157.1490, 48.2405, 67.3983

Protanopia

153.8530, 49.8655, -34.0741

Deuteranopia

153.2780, 45.2189, -37.0778



Tritanopia

159.0390, -8.8932, 52.5858

Trichromacy



Original Color

157.1490, 48.2405, 67.3983



Protanomaly

154.9700, 49.3148, 2.6573



Deuteranomaly

154.8620, 46.4100, 0.9980

Tritanomaly

158.1640, 11.7511, 57.7382

Monochromacy



Original Color

157.1490, 48.2405, 67.3983



Achromatopsia

157.0000, 0.0000, 0.0000



Achromatomaly

157.1490, 17.6745, 24.4253

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.1490, 48.2405, 67.3983 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(234, 99, 255)` looks like.

```
.text, #text, p{  
    color:rgb(234, 99, 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(234, 99, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 99, 255) }
```

Border

The CSS property to change the border of an element to YUV 157.1490, 48.2405, 67.3983 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(234, 99, 255) }
```


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

```
.border{ border-color:rgb(234, 99, 255) }
```

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

Here you see how a box with a 4 pixel rgb(234, 99, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 99, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 99, 255);  
box-shadow:4px 4px 4px 4px rgb(234, 99,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 157.1490, 48.2405, 67.3983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 99, 255) }
```

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

```
.background{ background-color: rgb(234, 99,  
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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