

Converting Colors

YUV(165.0740, 41.8685,
57.8171)

Have a look what the booklet for
YUV(165.0740, 41.8685, 57.8171)
contains.

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Color

**YUV(165.0740, 41.8685,
57.8171)**

Conversions

Conversions Part 1

Format	Color
Hex	E773FA
RGB	231, 115, 250
RGB Percent	91%, 45%, 98%
CMY	0.0941, 0.5490, 0.0196
CMYK	0.08, 0.54, 0.00, 0.02
HSL	292°, 93%, 72%
HSV	292°, 54%, 98%
XYZ	56.3410, 36.1525, 94.4511
YIQ	165.0740, 25.8010, 66.5770

Conversions

Conversions Part 2

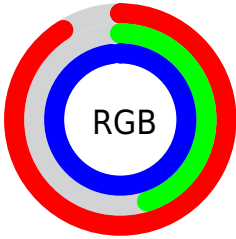
Format	Color
RYB	231, 115, 250
Decimal	15168506
CIELab	66.64, 63.82, -48.27
CIELCh	67, 80.020, 322.903
Yxy	36.1525, 0.3014, 0.1934
Android (android.graphics.Color)	4293358586 (0xFFE773FA)
YUV	165.0740, 41.8685, 57.8171
Hunter-Lab	60.1270, 62.0385, -51.0475

Details

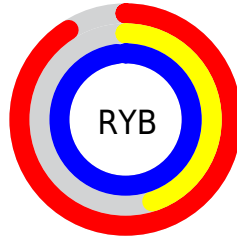
The YUV color **165.0740, 41.8685, 57.8171** is a light color, and the websafe version is hex **FF66FF**. A complement of this color would be **199.9260, -41.8685, -57.8171**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6920, 24.3088, 43.2431**, and **107.7750, 42.0159, 57.2023** is the 20% darker color. If you saturate the color by 10%, you get **149.2030, 49.6929, 68.2280**, and if you desaturate by 10%, it is **180.9450, 34.0441, 47.4062**.

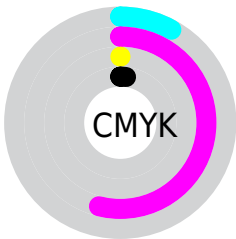
Distribution



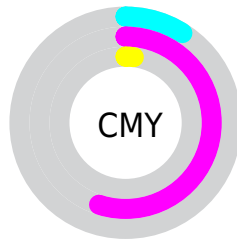
- Red (91%)
- Green (45%)
- Blue (98%)



- Red (91%)
- Yellow (45%)
- Blue (98%)



- Cyan (8%)
- Magenta (54%)
- Yellow (0%)
- Black (2%)





- Cyan (9%)
- Magenta (55%)
- Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the YUV color 165.0740, 41.8685, 57.8171 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 165.0740, 41.8685, 57.8171 by changing the saturation by 10% instead.

 165.0740, 41.8685,
57.8171


 165.0740, 41.8685,
57.8171


255.0000, 0.0000,
0.0000

 136.6610, 41.5791,
57.3023


 205.6920, 24.3088,
43.2431


 107.7750, 42.0159,
57.2023


 222.7150, 15.9165,
28.3139

 76.5410, 43.6103,
59.1615

 239.7380, 7.5242,
13.3848

 50.4160, 43.1789,
57.5172

 39.3790, 35.8022,
43.5176

 28.1570, 29.0096,
28.8033

 17.9460, 22.2116,

15.8334

■ 4.5600, 17.4719,
-3.9991

■ 2.6390, 7.5730,
-2.3144

■ 165.0740, 41.8685,
57.8171

■ 165.0740, 41.8685,
57.8171

■ 149.2030, 49.6929,
68.2280

■ 180.9450, 34.0441,
47.4062

■ 133.6310, 57.3699,
79.2536

■ 196.5170, 26.3671,
36.3806

■ 117.7600, 65.1943,
89.6645

■ 212.3880, 18.5427,
25.9697

■ 102.1880, 72.8713,
100.6901

■ 227.9600, 10.8657,
14.9441

92.7850, 77.5070,
107.1826

243.8310, 3.0413,
4.5332

253.5330, -1.7418,
-1.3444

254.4300, -2.1840,
0.4999

Harmonies

Analogous

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



153.2990, 50.1386, -28.3262



165.0740, 41.8685, 57.8171



146.3010, 17.5996, 95.3290

Triad

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



165.0740, 41.8685, 57.8171



152.3020, -75.0849, 49.7241



138.5020, 38.2065, -121.4663

Complementary

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



165.0740, 41.8685, 57.8171



199.9260, -41.8685, -57.8171

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.



129.4790, 6.1729, -113.5531



165.0740, 41.8685, 57.8171



145.1830, -71.5752, -2.7915

Square

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



165.0740, 41.8685, 57.8171



152.7610, -54.1122, 89.6636



120.8100, -26.0353, -96.3034



140.6000, 56.3992, -123.3062

Rectangle

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



165.0740, 41.8685, 57.8171



140.2420, -3.0773, 100.6428



120.8100, -26.0353, -96.3034



136.3530, 27.4340, -119.5816

Sweetspot

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



165.0740, 41.8685, 57.8171



229.1390, 12.7495, 17.4181



142.1300, 53.1799, -23.7930



112.1290, 7.8244, 10.4109



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.



165.0740, 41.8685, 57.8171



150.6810, 51.4293, 71.3168



165.3970, 18.5383, 74.1968



116.7710, 4.0569, 5.4628



69.9840, 58.6749, 80.6980



22.8010, 18.8321, 26.4845

Inverse Universe

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



157.5310, -11.6008, 81.0953



141.3700, -13.9864, 99.6535



199.6030, -18.5383, -74.1968



116.1150, -1.0427, 7.7921



59.5890, -16.0664, 113.4934



19.2650, -5.0606, 36.6016

Previews

White Background



This preview shows how the YUV color 165.0740, 41.8685, 57.8171 looks on a white background.

Color Contrast Check

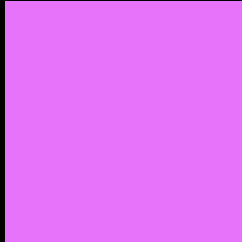
Large Text (above 18pt) WCAG AA × Fail

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 165.0740, 41.8685, 57.8171 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

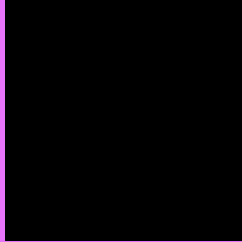
Any Text WCAG AA ✓ Pass

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 165.0740, 41.8685, 57.8171 Background



This preview shows how black text looks on a background with the YUV color 165.0740, 41.8685, 57.8171.



This preview shows how white text looks on a background with the YUV color 165.0740, 41.8685, 57.8171.

57.8171.

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

165.0740, 41.8685, 57.8171

Protanopia

159.7780, 46.9444, -30.5003

Deuteranopia

160.0680, 40.3925, -29.0006



Tritanopia

164.5760, -6.6930, 46.8528

Trichromacy



Original Color

165.0740, 41.8685, 57.8171



Protanomaly

161.8190, 44.9522, 1.9127



Deuteranomaly

161.7930, 41.0211, 2.8125



Tritanomaly

164.8920, 10.8992, 50.9607

Monochromacy



Original Color

165.0740, 41.8685, 57.8171



Achromatopsia

165.0000, 0.0000, 0.0000



Achromatomaly

165.1440, 15.2120, 20.9217

CSS Examples

Text

The CSS property to change the color of the text to YUV 165.0740, 41.8685, 57.8171 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, 115, 250)` looks like.

```
.text, #text, p{  
    color:rgb(231, 115, 250)  
}
```

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, 115, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 115, 250) }
```

Border

The CSS property to change the border of an element to YUV 165.0740, 41.8685, 57.8171 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, 115, 250) }
```


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

```
.border{ border-color:rgb(231, 115, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 115, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 115, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 115, 250);  
box-shadow:4px 4px 4px 4px rgb(231, 115,  
250) }
```

Background

The CSS property to change the background color of an element to YUV 165.0740, 41.8685, 57.8171 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 115, 250) }
```

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

```
.background{ background-color: rgb(231,  
115, 250) }
```

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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