

Converting Colors

YUV(117.4040, 67.8348,
-10.8783)

Have a look what the booklet for
YUV(117.4040, 67.8348, -10.8783)
contains.

YUV(117.4040, 67.8348, -10.8783)	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(117.4040, 67.8348,
-10.8783)**

Conversions

Conversions Part 1

Format	Color
Hex	6961FF
RGB	105, 97, 255
RGB Percent	41%, 38%, 100%
CMY	0.5882, 0.6196, 0.0000
CMYK	0.59, 0.62, 0.00, 0.00
HSL	243°, 100%, 69%
HSV	243°, 62%, 100%
XYZ	28.1504, 18.7726, 96.7475
YIQ	117.4040, -45.9500, 50.8340

Conversions

Conversions Part 2

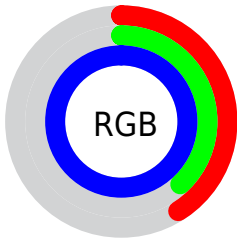
Format	Color
R _Y B	105, 97, 255
Decimal	6906367
CIE Lab	50.42, 46.99, -77.76
CIE LCh	50, 90.855, 301.147
Yxy	18.7726, 0.1959, 0.1307
Android (android.graphics.Color)	4285096447 (0xFF6961FF)
YUV	117.4040, 67.8348, -10.8783
Hunter-Lab	43.3274, 40.1508, -102.0619

Details

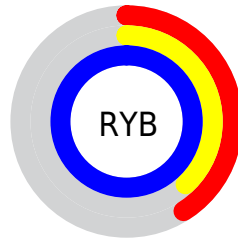
The YUV color **117.4040, 67.8348, -10.8783** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **234.5960, -67.8348, 10.8783**, and the grayscale version is **117.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **166.1780, 43.7892, 1.5979**, and **56.9020, 69.0683, -33.2401** is the 20% darker color. If you saturate the color by 10%, you get **94.9660, 78.8968, -12.2482**, and if you desaturate by 10%, it is **139.2550, 57.0623, -8.9936**.

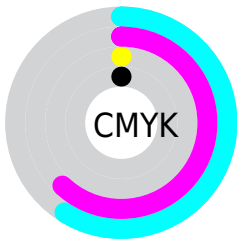
Distribution



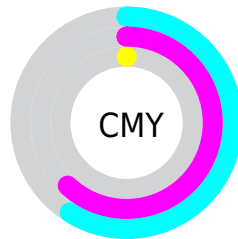
- Red (41%)
- Green (38%)
- Blue (100%)



- Red (41%)
- Yellow (38%)
- Blue (100%)



- Cyan (59%)
- Magenta (62%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (62%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 117.4040, 67.8348, -10.8783 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 117.4040, 67.8348, -10.8783 by changing the saturation by 10% instead.

■ 117.4040, 67.8348,
-10.8783

■ 117.4040, 67.8348,
-10.8783

255.0000, 0.0000,
0.0000

■ 89.5450, 67.2723,
-17.1410

■ 166.1780, 43.7892,
1.5979

■ 56.9020, 69.0683,
-33.2401

■ 191.2960, 31.4061,
6.7564

■ 35.1150, 66.0053,
-30.7959

■ 217.0010, 18.7335,
11.4001

■ 20.2970, 59.9996,
-17.8005

■ 240.9120, 6.9454,
12.3552

■ 13.1100, 50.2318,
-11.4975

■ 15.4290, 36.2705,
-13.5312

■ 11.5190, 26.3661,

-10.1022

■ 6.5490, 17.4773,
-5.7435

■ 2.8670, 8.4466,
-2.5144

■ 117.4040, 67.8348,
-10.8783

■ 117.4040, 67.8348,
-10.8783

■ 94.9660, 78.8968,
-12.2482

■ 139.2550, 57.0623,
-8.9936

■ 73.1150, 89.6693,
-14.1329

■ 161.6930, 46.0004,
-7.6238

■ 50.3780, 100.8786,
-16.1175

■ 184.4300, 34.7910,
-5.6391

■ 32.9570, 109.4672,
-17.5023

■ 206.2810, 24.0185,
-3.7544

■ 228.7190, 12.9565,
-2.3846

■ 250.5700, 2.1840,
-0.4999

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.



105.3800, 73.7627, -92.4183



117.4040, 67.8348, -10.8783



103.6300, 45.5384, 94.1635

Triad

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



117.4040, 67.8348, -10.8783



109.4180, -53.9431, 82.0714



101.8440, 9.4439, -89.3172

Complementary

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



117.4040, 67.8348, -10.8783



234.5960, -67.8348, 10.8783

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.



89.5780, -27.4000, -78.5599



117.4040, 67.8348, -10.8783



112.3220, -55.3747, 27.7816

Square

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



117.4040, 67.8348, -10.8783



77.1890, -15.8692, 143.6622



98.3590, -48.4910, -33.6408



111.3230, 43.2248, -97.6303

Rectangle

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



117.4040, 67.8348, -10.8783



88.7030, 28.2474, 133.5645



98.3590, -48.4910, -33.6408



98.1790, -2.0602, -86.1030

Sweetspot

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



117.4040, 67.8348, -10.8783



213.0700, 20.6715, -3.5694



203.0620, 25.6054, -93.0164



102.0180, 12.8091, -1.7698



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.



117.4040, 67.8348, -10.8783



90.5360, 81.0808, -12.7481



141.0250, 56.1897, 37.6891



116.4820, 5.6784, -1.2997



24.7640, 81.9543, -12.9480



8.1930, 27.5129, -4.5543

Inverse Universe

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



161.3420, 42.2294, 82.1381



142.9170, 50.3269, 98.2968



210.9750, -56.1897, -37.6891



120.2550, 3.3253, 6.7924



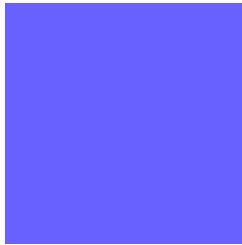
77.8570, 51.3425, 99.2264



26.0900, 17.2106, 33.2471

Previews

White Background



This preview shows how the YUV color 117.4040, 67.8348, -10.8783 looks on a white background.

Color Contrast Check

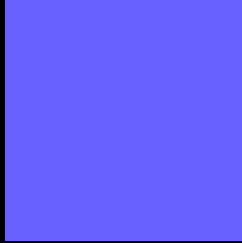
Large Text (above 18pt) WCAG AA ✓ Pass

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 117.4040, 67.8348, -10.8783 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 117.4040, 67.8348, -10.8783 Background



This preview shows how black text looks on a background with the YUV color 117.4040, 67.8348, -10.8783.



This preview shows how white text looks on a background with the YUV color 117.4040, 67.8348, -10.8783.

-10.8783.

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

117.4040, 67.8348, -10.8783

Protanopia

95.3210, 73.2987, -83.5965

Deuteranopia

95.5540, 56.4219, -83.8009



Tritanopia

109.0140, 15.2761, -46.4933

Trichromacy



Original Color

117.4040, 67.8348, -10.8783

Protanomaly

103.0300, 71.4702, -57.0313

Deuteranomaly

103.4570, 60.4137, -57.4058

Tritanomaly

112.1400, 34.4410, -33.4488

Monochromacy



Original Color

117.4040, 67.8348, -10.8783

Achromatopsia

117.0000, 0.0000, 0.0000

Achromatomaly

117.3950, 24.4553, -3.8544

CSS Examples

Text

The CSS property to change the color of the text to YUV 117.4040, 67.8348, -10.8783 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(105, 97, 255)` looks like.

```
.text, #text, p{  
    color:rgb(105, 97, 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(105, 97, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(105, 97, 255) }
```

Border

The CSS property to change the border of an element to YUV 117.4040, 67.8348, -10.8783 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(105, 97, 255) }
```


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

```
.border{ border-color:rgb(105, 97, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(105, 97, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(105, 97, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(105, 97, 255);  
box-shadow:4px 4px 4px 4px rgb(105, 97,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 117.4040, 67.8348, -10.8783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(105, 97, 255) }
```

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

```
.background{ background-color: rgb(105, 97,  
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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