

Converting Colors

YUV(66.5380, 88.4748, 42.5012)

Have a look what the booklet for
YUV(66.5380, 88.4748, 42.5012)
contains.

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Color

**YUV(66.5380, 88.4748,
42.5012)**

Conversions

Conversions Part 1

Format	Color
Hex	7307F6
RGB	115, 7, 246
RGB Percent	45%, 3%, 96%
CMY	0.5490, 0.9725, 0.0353
CMYK	0.53, 0.97, 0.00, 0.04
HSL	267°, 94%, 50%
HSV	267°, 97%, 96%
XYZ	23.7808, 10.4506, 87.9526
YIQ	66.5380, -12.3510, 97.2250

Conversions

Conversions Part 2

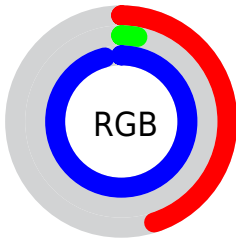
Format	Color
R _Y B	115, 7, 246
Decimal	7538678
CIE Lab	38.64, 79.55, -92.06
CIE LCh	39, 121.666, 310.832
Yxy	10.4506, 0.1946, 0.0855
Android (android.graphics.Color)	4285728758 (0xFF7307F6)
YUV	66.5380, 88.4748, 42.5012
Hunter-Lab	32.3274, 74.7356, -138.6800

Details

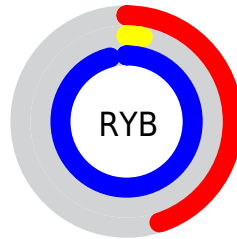
The YUV color **66.5380, 88.4748, 42.5012** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark saturated purple. A complement of this color would be **186.4620, -88.4748, -42.5012**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.7250, 61.2676, 42.3372**, and **31.8970, 76.9588, 2.7213** is the 20% darker color. If you saturate the color by 10%, you get **61.2330, 91.0901, 43.6457**, and if you desaturate by 10%, it is **85.1000, 79.3237, 37.6233**.

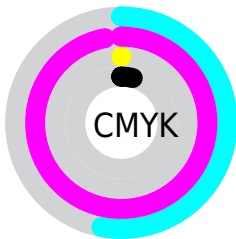
Distribution



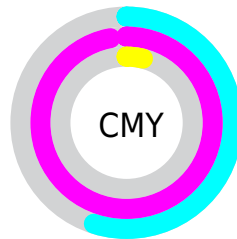
- Red (45%)
- Green (3%)
- Blue (96%)



- Red (45%)
- Yellow (3%)
- Blue (96%)



- Cyan (53%)
- Magenta (97%)
- Yellow (0%)
- Black (4%)



- Cyan (55%)
- Magenta (97%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5380, 88.4748, 42.5012 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 66.5380, 88.4748, 42.5012 by changing the saturation by 10% instead.

66.5380, 88.4748,
42.5012

66.5380, 88.4748,
42.5012

255.0000, 0.0000,
0.0000

48.6580, 82.9926,
27.4869

130.7250, 61.2676,
42.3372

31.8970, 76.9588,
2.7213

157.3160, 48.1582,
47.0809

18.2400, 69.8877,
-15.9965

183.0210, 35.4856,
51.7246

15.1620, 58.0941,
-13.2971

203.9310, 25.1770,
44.7875

12.0840, 46.3006,
-10.5977

220.9540, 16.7847,
29.8583

15.6910, 32.1973,
-13.7610

237.9770, 8.3923,

9.4330, 23.4505,

14.9292

-8.2727

■ 5.0500, 14.2723,
-4.4289

■ 1.0260, 3.9312,
-0.8998

■ 66.5380, 88.4748,
42.5012

■ 66.5380, 88.4748,
42.5012

■ 61.2330, 91.0901,
43.6457

■ 85.1000, 79.3237,
37.6233

■ 103.3740, 70.3146,
33.8750

■ 121.9360, 61.1636,
28.9971

■ 140.2100, 52.1545,
25.2488

■ 158.7720, 43.0034,
20.3710

■ 177.6330, 33.7049,
16.1079

■ 195.6080, 24.8433,
11.7448

■ 214.4690, 15.5448,
7.4817

■ 232.4440, 6.6831,
3.1186

Harmonies

Analogous

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



87.1830, 82.7338, -76.4595



66.5380, 88.4748, 42.5012



84.6890, 36.1423, 121.2987

Triad

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



66.5380, 88.4748, 42.5012



82.1850, -40.5172, 69.1208



85.9780, 19.7308, -75.4027

Complementary

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



66.5380, 88.4748, 42.5012



186.4620, -88.4748, -42.5012

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.



70.7650, -30.9431, -62.0609



66.5380, 88.4748, 42.5012



81.4350, -40.1475, -3.0125

Square

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



66.5380, 88.4748, 42.5012



65.4810, -32.2821, 134.6362



66.9180, -32.9906, -58.6871



98.7970, 61.2321, -86.6450

Rectangle

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



66.5380, 88.4748, 42.5012



83.6720, 5.0917, 140.6077



66.9180, -32.9906, -58.6871



81.5150, 5.1691, -71.4887

Sweetspot

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



66.5380, 88.4748, 42.5012



199.3030, 27.4586, 12.8893



111.1430, 66.4845, -91.3334



94.1100, 16.7078, 7.7965



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.



66.5380, 88.4748, 42.5012



63.4550, 94.4317, 45.2050



102.1190, 70.9333, 115.6596



113.1620, 4.3571, 2.4889



46.3200, 68.8622, 33.0454



14.7990, 21.7911, 10.7003

Inverse Universe

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



93.3950, 21.9903, 133.8346



92.2050, 23.5629, 142.7712



150.8810, -70.9333, -115.6596



114.3860, 1.2887, 6.6775



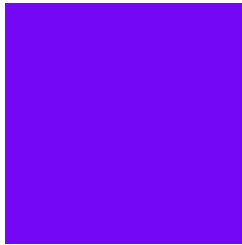
67.2420, 17.1357, 104.1508



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 66.5380, 88.4748, 42.5012 looks on a white background.

Color Contrast Check

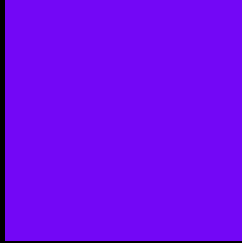
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 66.5380, 88.4748, 42.5012 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

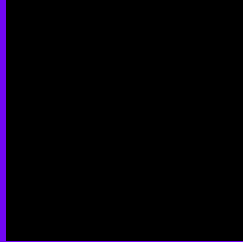
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5380, 88.4748, 42.5012

Background



This preview shows how black text looks on a background with the YUV color 66.5380, 88.4748, 42.5012.



This preview shows how white text looks on a background with the YUV color 66.5380, 88.4748,

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

66.5380, 88.4748, 42.5012

Protanopia

73.4470, 55.4886, -64.4130

Deuteranopia

73.3040, 42.2481, -64.2876



Tritanopia

89.1380, 7.3270, -16.7840

Trichromacy



Original Color

66.5380, 88.4748, 42.5012

Protanomaly

70.9030, 67.5888, -25.3479

Deuteranomaly

70.7260, 59.2951, -25.1927

Tritanomaly

81.0660, 36.9425, 4.3271

Monochromacy



Original Color

66.5380, 88.4748, 42.5012

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.5790, 32.2526, 15.2782

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5380, 88.4748, 42.5012 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(115, 7, 246)` looks like.

```
.text, #text, p{  
    color:rgb(115, 7, 246)  
}
```

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(115, 7, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 7, 246) }
```

Border

The CSS property to change the border of an element to YUV 66.5380, 88.4748, 42.5012 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(115, 7, 246) }
```


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

```
.border{ border-color:rgb(115, 7, 246) }
```

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

Here you see how a box with a 4 pixel rgb(115, 7, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 7, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 7, 246);  
box-shadow:4px 4px 4px 4px rgb(115, 7,  
246) }
```

Background

The CSS property to change the background color of an element to YUV 66.5380, 88.4748, 42.5012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 7, 246) }
```

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

```
.background{ background-color: rgb(115, 7,  
246) }
```

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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