

Converting Colors

YUV(107.0470, 66.0388, 5.2208)

Have a look what the booklet for
YUV(107.0470, 66.0388, 5.2208)
contains.

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Color

**YUV(107.0470, 66.0388,
5.2208)**

Conversions

Conversions Part 1

Format	Color
Hex	714EF1
RGB	113, 78, 241
RGB Percent	44%, 31%, 95%
CMY	0.5569, 0.6941, 0.0549
CMYK	0.53, 0.68, 0.00, 0.05
HSL	253°, 85%, 63%
HSV	253°, 68%, 95%
XYZ	25.4116, 15.3104, 84.8349
YIQ	107.0470, -31.4630, 58.1130

Conversions

Conversions Part 2

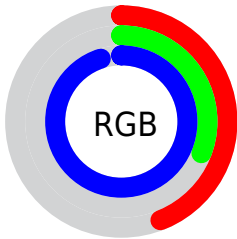
Format	Color
R _{YB}	113, 78, 241
Decimal	7425777
CIE _{Lab}	46.06, 54.62, -77.04
CIE _{LCh}	46, 94.441, 305.337
Yxy	15.3104, 0.2024, 0.1219
Android (android.graphics.Color)	4285615857 (0xFF714EF1)
YUV	107.0470, 66.0388, 5.2208
Hunter-Lab	39.1285, 47.4504, -101.1575

Details

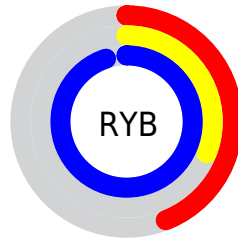
The YUV color $[107.0470, 66.0388, 5.2208]$ is a dark color, and the websafe version is hex $6633CC$. The color can be described as middle washed purple. A complement of this color would be $[211.9530, -66.0388, -5.2208]$, and the grayscale version is $[106.0000, 0.0000, 0.0000]$.

A 20% lighter version of the original color is $[157.4060, 48.1138, 14.5529]$, and $[49.9700, 66.0768, -6.9897]$ is the 20% darker color. If you saturate the color by 10%, you get $[87.2780, 75.7849, 5.8952]$, and if you desaturate by 10%, it is $[126.8160, 56.2927, 4.5464]$.

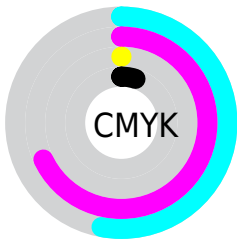
Distribution



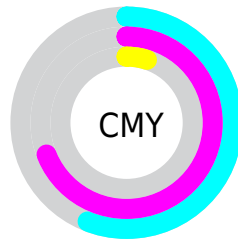
- Red (44%)
- Green (31%)
- Blue (95%)



- Red (44%)
- Yellow (31%)
- Blue (95%)



- Cyan (53%)
- Magenta (68%)
- Yellow (0%)
- Black (5%)



- Cyan (56%)
- Magenta (69%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 107.0470, 66.0388, 5.2208 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 107.0470, 66.0388, 5.2208 by changing the saturation by 10% instead.

■ 107.0470, 66.0388,
5.2208

■ 107.0470, 66.0388,
5.2208

255.0000, 0.0000,
0.0000

■ 79.4980, 65.3235,
1.3173

■ 157.4060, 48.1138,
14.5529

■ 49.9700, 66.0768,
-6.9897

■ 181.9370, 36.0201,
20.2263

■ 17.7840, 68.1405,
-15.5966

■ 207.3430, 23.4949,
24.2552

■ 14.7060, 56.3469,
-12.8972

■ 229.7590, 12.4438,
22.1364

■ 11.7420, 44.9902,
-10.2977

■ 246.7820, 4.0515,
7.2072

■ 14.7620, 31.1763,
-12.9463

■ 9.0910, 22.1401,

-7.9728

■ 4.8220, 13.3988,
-4.2289

■ 0.3420, 1.3104,
-0.2999

■ 107.0470, 66.0388,
5.2208

■ 107.0470, 66.0388,
5.2208

■ 87.2780, 75.7849,
5.8952

■ 126.8160, 56.2927,
4.5464

■ 67.5090, 85.5311,
6.5696

■ 146.5850, 46.5466,
3.8720

■ 47.7400, 95.2772,
7.2440

■ 166.3540, 36.8005,
3.1975

■ 43.0220, 97.6032,
7.8737

■ 186.1230, 27.0544,
2.5231

■ 206.4790, 17.0189,
1.3339

■ 226.2480, 7.2727,
0.6595

■ 245.7180, -2.3260,
-0.6297

■ 253.4040, -6.1152,
1.3997

Harmonies

Analogous

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



97.7490, 77.5247, -85.7259



107.0470, 66.0388, 5.2208



82.6690, 46.5052, 110.7923

Triad

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



107.0470, 66.0388, 5.2208



100.2150, -49.4060, 73.4794



95.5010, 13.0640, -83.7544

Complementary

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



107.0470, 66.0388, 5.2208



211.9530, -66.0388, -5.2208

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.



83.7080, -24.5060, -73.4119



107.0470, 66.0388, 5.2208



101.3360, -49.9586, 17.2453

Square

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



107.0470, 66.0388, 5.2208



69.7400, -25.0148, 137.0400



76.6310, -37.7791, -62.8204



104.3930, 47.1343, -91.5527

Rectangle

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



107.0470, 66.0388, 5.2208



84.5150, 19.9591, 131.9753



76.6310, -37.7791, -62.8204



91.7220, 1.1231, -80.4402

Sweetspot

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



107.0470, 66.0388, 5.2208



213.1030, 20.6552, 1.6637



172.8920, 33.5772, -83.2203



102.3280, 12.6563, 0.5893



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.



107.0470, 66.0388, 5.2208



85.0530, 83.7839, 6.9695



130.6680, 54.3937, 53.7882



109.9660, 4.9468, 0.0298



32.6370, 74.6220, 5.5804



9.9720, 22.6918, 1.7786

Inverse Universe

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



141.3290, 31.8828, 87.4115



128.4750, 40.6848, 110.9624



188.3320, -54.3937, -53.7882



112.6140, 2.1623, 6.4775



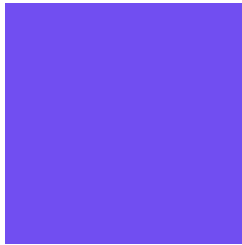
71.4320, 35.7760, 98.7221



21.7600, 10.9643, 30.0285

Previews

White Background



This preview shows how the YUV color 107.0470, 66.0388, 5.2208 looks on a white background.

Color Contrast Check

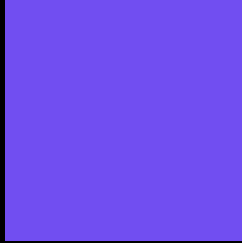
Large Text (above 18pt) WCAG AA ✓ Pass

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 107.0470, 66.0388, 5.2208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

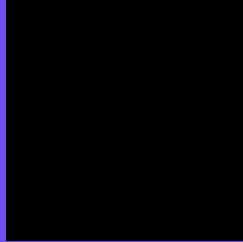
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 107.0470, 66.0388, 5.2208

Background



This preview shows how black text looks on a background with the YUV color 107.0470, 66.0388, 5.2208.



This preview shows how white text looks on a background with the YUV color 107.0470, 66.0388, 5.2208.

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

107.0470, 66.0388, 5.2208

Protanopia

86.8290, 66.1463, -76.1490

Deuteranopia

86.9310, 51.3060, -76.2385



Tritanopia

104.0660, 9.8275, -25.4909

Trichromacy



Original Color

107.0470, 66.0388, 5.2208

Protanomaly

94.0160, 66.0541, -46.4950

Deuteranomaly

94.1980, 56.5974, -46.6546

Tritanomaly

105.5230, 30.3082, -14.4907

Monochromacy



Original Color

107.0470, 66.0388, 5.2208

Achromatopsia

107.0000, 0.0000, 0.0000

Achromatomaly

106.7270, 24.2916, 1.9934

CSS Examples

Text

The CSS property to change the color of the text to YUV 107.0470, 66.0388, 5.2208 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(113, 78, 241)` looks like.

```
.text, #text, p{  
    color:rgb(113, 78, 241)  
}
```

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(113, 78, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 78, 241) }
```

Border

The CSS property to change the border of an element to YUV 107.0470, 66.0388, 5.2208 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(113, 78, 241) }
```


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

```
.border{ border-color:rgb(113, 78, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 78, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 78, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 78, 241);  
box-shadow:4px 4px 4px 4px rgb(113, 78,  
241) }
```

Background

The CSS property to change the background color of an element to YUV 107.0470, 66.0388, 5.2208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 78, 241) }
```

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

```
.background{ background-color: rgb(113, 78,  
241) }
```

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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