

Converting Colors

YUV(105.3430, 73.7809,
-4.6858)

Have a look what the booklet for
YUV(105.3430, 73.7809, -4.6858)
contains.

YUV(105.3430, 73.7809, -4.6858)	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(105.3430, 73.7809,
-4.6858)**

Conversions

Conversions Part 1

Format	Color
Hex	644FFF
RGB	100, 79, 255
RGB Percent	39%, 31%, 100%
CMY	0.6078, 0.6902, 0.0000
CMYK	0.61, 0.69, 0.00, 0.00
HSL	247°, 100%, 65%
HSV	247°, 69%, 100%
XYZ	26.1015, 15.5213, 96.2279
YIQ	105.3430, -43.9800, 59.1880

Conversions

Conversions Part 2

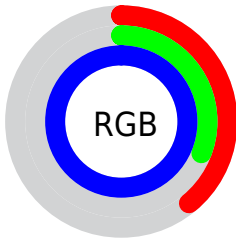
Format	Color
R _{YB}	100, 79, 255
Decimal	6574079
CIE _{Lab}	46.34, 56.29, -84.45
CIE _{LCh}	46, 101.488, 303.686
Y _{xy}	15.5213, 0.1893, 0.1126
Android (android.graphics.Color)	4284764159 (0xFF644FFF)
YUV	105.3430, 73.7809, -4.6858
Hunter-Lab	39.3971, 49.3157, -117.2388

Details

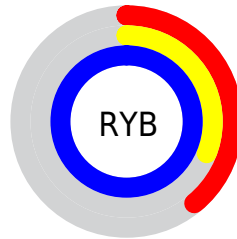
The YUV color **105.3430, 73.7809, -4.6858** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed purple. A complement of this color would be **228.6570, -73.7809, 4.6858**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.7150, 49.4405, 9.0199**, and **40.0680, 77.3675, -35.1396** is the 20% darker color. If you saturate the color by 10%, you get **84.0900, 84.2586, -5.3409**, and if you desaturate by 10%, it is **127.1830, 63.0138, -4.5455**.

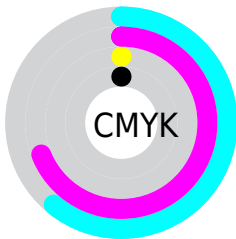
Distribution



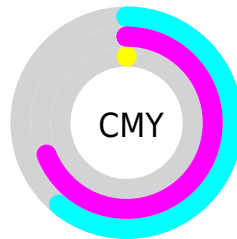
- Red (39%)
- Green (31%)
- Blue (100%)



- Red (39%)
- Yellow (31%)
- Blue (100%)



- Cyan (61%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 105.3430, 73.7809, -4.6858 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 105.3430, 73.7809, -4.6858 by changing the saturation by 10% instead.

■ 105.3430, 73.7809,
-4.6858

■ 105.3430, 73.7809,
-4.6858

255.0000, 0.0000,
0.0000

■ 76.2990, 73.8026,
-11.6632

■ 154.7150, 49.4405,
9.0199

■ 40.0680, 77.3675,
-35.1396

■ 179.8330, 37.0573,
14.1785

■ 21.0270, 72.9507,
-18.4407

■ 204.9510, 24.6742,
19.3370

■ 16.0740, 61.5885,
-14.0969

■ 230.3460, 12.1544,
21.6216

■ 13.1100, 50.2318,
-11.4975

■ 246.7820, 4.0515,
7.2072

■ 17.7770, 35.1129,
-15.5904

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.8670, 8.4466,
-2.5144

■ 105.3430, 73.7809,
-4.6858

■ 105.3430, 73.7809,
-4.6858

■ 84.0900, 84.2586,
-5.3409

■ 127.1830, 63.0138,
-4.5455

■ 61.9510, 95.1732,
-6.0960

■ 148.7350, 52.3886,
-3.2756

■ 40.6980, 105.6509,
-6.7511

■ 170.5750, 41.6215,
-3.1353

■ 38.0400, 106.9613,
-7.0511

■ 192.1270, 30.9964,
-1.8654

■ 213.9670, 20.2293,
-1.7251

■ 235.5190, 9.6041,
-0.4552

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.



99.5100, 76.6566, -87.2703



105.3430, 73.7809, -4.6858



85.0050, 50.2835, 112.2516

Triad

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



105.3430, 73.7809, -4.6858



98.7860, -48.7015, 80.8717



96.3330, 11.1748, -84.4840

Complementary

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



105.3430, 73.7809, -4.6858



228.6570, -73.7809, 4.6858

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.



82.4710, -31.7842, -72.3271



105.3430, 73.7809, -4.6858



102.5320, -50.5483, 19.7044

Square

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



105.3430, 73.7809, -4.6858



72.7300, -26.4889, 143.1878



75.7230, -37.3314, -66.4091



106.6100, 48.0133, -93.4970

Rectangle

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



105.3430, 73.7809, -4.6858



87.4060, 21.9848, 135.5789



75.7230, -37.3314, -66.4091



92.3260, -1.6397, -80.9699

Sweetspot

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



105.3430, 73.7809, -4.6858



209.2490, 22.5552, -1.0954



190.0490, 32.0208, -97.3900



100.5450, 13.5353, -1.3550



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.



105.3430, 73.7809, -4.6858



74.9420, 88.7686, -5.2111



131.6550, 60.8091, 49.4146



116.7810, 5.5310, -0.6849



28.6510, 80.0381, -4.9559



9.6880, 26.7758, -1.4804

Inverse Universe

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



149.2940, 41.7601, 92.7042



127.7060, 50.4309, 111.6368



202.3450, -60.8091, -49.4146



120.1410, 2.8885, 6.8923



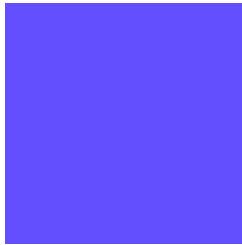
76.2610, 45.2273, 100.6261



25.5200, 15.0266, 33.7470

Previews

White Background



This preview shows how the YUV color 105.3430, 73.7809, -4.6858 looks on a white background.

Color Contrast Check

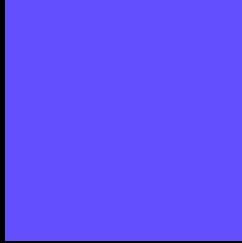
Large Text (above 18pt) WCAG AA ✓ Pass

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 105.3430, 73.7809, -4.6858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

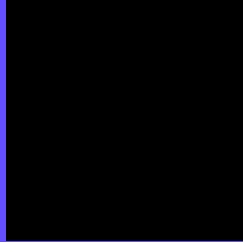
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 105.3430, 73.7809, -4.6858

Background



This preview shows how black text looks on a background with the YUV color 105.3430, 73.7809, -4.6858.



This preview shows how white text looks on a background with the YUV color 105.3430, 73.7809, -4.6858.

-4.6858.

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

105.3430, 73.7809, -4.6858

Protanopia

86.9430, 66.5831, -76.2490

Deuteranopia

87.4040, 50.5798, -76.6533



Tritanopia

96.3230, 16.6028, -52.0263

Trichromacy



Original Color

105.3430, 73.7809, -4.6858

Protanomaly

93.7920, 69.1225, -50.6836

Deuteranomaly

93.8600, 59.2290, -50.7432

Tritanomaly

99.5250, 37.2092, -34.6634

Monochromacy



Original Color

105.3430, 73.7809, -4.6858

Achromatopsia

105.0000, 0.0000, 0.0000

Achromatomaly

105.3890, 26.9232, -2.0952

CSS Examples

Text

The CSS property to change the color of the text to YUV 105.3430, 73.7809, -4.6858 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(100, 79, 255)` looks like.

```
.text, #text, p{  
    color:rgb(100, 79, 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(100, 79, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 79, 255) }
```

Border

The CSS property to change the border of an element to YUV 105.3430, 73.7809, -4.6858 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(100, 79, 255) }
```


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

```
.border{ border-color:rgb(100, 79, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 79, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 79, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 79, 255);  
box-shadow:4px 4px 4px 4px rgb(100, 79,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 105.3430, 73.7809, -4.6858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 79, 255) }
```

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

```
.background{ background-color: rgb(100, 79,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor