

Converting Colors

YUV(100.6800, 76.0798, 4.6656)

Have a look what the booklet for
YUV(100.6800, 76.0798, 4.6656)
contains.

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Color

**YUV(100.6800, 76.0798,
4.6656)**

Conversions

Conversions Part 1

Format	Color
Hex	6A44FF
RGB	106, 68, 255
RGB Percent	42%, 27%, 100%
CMY	0.5843, 0.7333, 0.0000
CMYK	0.58, 0.73, 0.00, 0.00
HSL	252°, 100%, 63%
HSV	252°, 73%, 100%
XYZ	26.0610, 14.4184, 96.0172
YIQ	100.6800, -37.3790, 66.2130

Conversions

Conversions Part 2

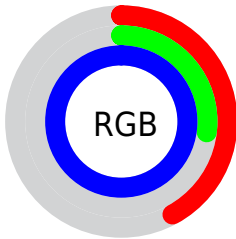
Format	Color
R _Y B	106, 68, 255
Decimal	6964479
CIE Lab	44.83, 62.64, -86.92
CIE LCh	45, 107.138, 305.781
Yxy	14.4184, 0.1909, 0.1056
Android (android.graphics.Color)	4285154559 (0xFF6A44FF)
YUV	100.6800, 76.0798, 4.6656
Hunter-Lab	37.9716, 56.0593, -123.3441

Details

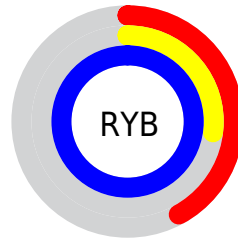
The YUV color **100.6800, 76.0798, 4.6656** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **222.3200, -76.0798, -4.6656**, and the grayscale version is **100.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.6390, 51.4500, 17.8566**, and **33.0900, 80.8076, -18.4959** is the 20% darker color. If you saturate the color by 10%, you get **79.4380, 86.5521, 5.7549**, and if you desaturate by 10%, it is **121.3350, 65.8968, 4.0912**.

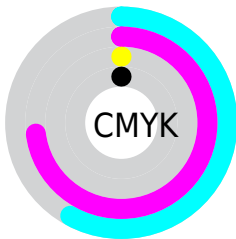
Distribution



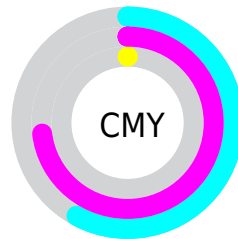
- Red (42%)
- Green (27%)
- Blue (100%)



- Red (42%)
- Yellow (27%)
- Blue (100%)



- Cyan (58%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (58%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 100.6800, 76.0798, 4.6656 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 100.6800, 76.0798, 4.6656 by changing the saturation by 10% instead.

■ 100.6800, 76.0798,
4.6656

■ 100.6800, 76.0798,
4.6656

255.0000, 0.0000,
0.0000

■ 71.3480, 76.2434,
-1.1822

■ 150.6390, 51.4500,
17.8566

■ 33.0900, 80.8076,
-18.4959

■ 175.7570, 39.0668,
23.0151

■ 19.2660, 73.8189,
-16.8963

■ 201.4620, 26.3942,
27.6588

■ 16.0740, 61.5885,
-14.0969

■ 224.4760, 15.0483,
26.7695

■ 13.1100, 50.2318,
-11.4975

■ 240.9120, 6.9454,
12.3552

■ 17.7770, 35.1129,
-15.5904

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 100.6800, 76.0798,
4.6656

■ 100.6800, 76.0798,
4.6656

■ 79.4380, 86.5521,
5.7549

■ 121.3350, 65.8968,
4.0912

■ 58.4840, 96.8824,
5.7145

■ 142.8760, 55.2771,
3.6167

■ 44.6180, 103.7183,
6.4740

■ 164.1180, 44.8048,
2.5275

■ 184.7730, 34.6219,
1.9531

■ 205.7270, 24.2916,
1.9934

■ 226.9690, 13.8193,
0.9042

■ 247.6240, 3.6364,
0.3298

■ 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.



97.1620, 77.8141, -85.2111



100.6800, 76.0798, 4.6656



85.8160, 46.9257, 115.9254

Triad

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



100.6800, 76.0798, 4.6656



95.8180, -47.2383, 78.2126



94.3270, 13.6428, -82.7248

Complementary

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



100.6800, 76.0798, 4.6656



222.3200, -76.0798, -4.6656

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.



80.4820, -31.7896, -70.5827



100.6800, 76.0798, 4.6656



98.0690, -48.3480, 13.9715

Square

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



100.6800, 76.0798, 4.6656



69.9660, -34.4932, 143.8578



74.5490, -36.7527, -65.3795



105.6470, 51.9390, -92.6524

Rectangle

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



100.6800, 76.0798, 4.6656



87.5760, 17.4640, 138.9378



74.5490, -36.7527, -65.3795



90.2060, 0.3914, -79.1107

Sweetspot

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



100.6800, 76.0798, 4.6656



208.6730, 22.8392, 1.1638



177.3680, 38.2726, -95.9157



99.9690, 13.8193, 0.9042



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.



100.6800, 76.0798, 4.6656



69.9910, 91.2094, 5.2699



128.4870, 62.3709, 61.8399



117.0800, 5.3836, -0.0702



33.4350, 77.6795, 4.8805



11.1830, 26.0388, 1.5935

Inverse Universe

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



140.8990, 37.5178, 100.0666



118.2680, 44.7309, 119.9140



194.5130, -62.3709, -61.8399



120.0270, 2.4517, 6.9923



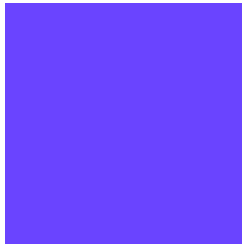
74.4370, 38.2386, 102.2258



24.9500, 12.8427, 34.2468

Previews

White Background



This preview shows how the YUV color 100.6800, 76.0798, 4.6656 looks on a white background.

Color Contrast Check

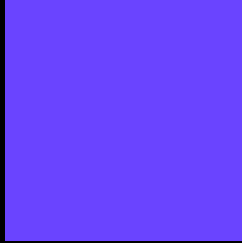
Large Text (above 18pt) WCAG AA ✓ Pass

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 100.6800, 76.0798, 4.6656 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

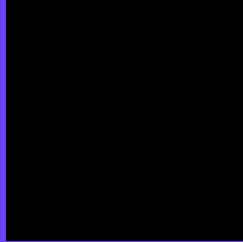
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 100.6800, 76.0798, 4.6656

Background



This preview shows how black text looks on a background with the YUV color 100.6800, 76.0798, 4.6656.



This preview shows how white text looks on a background with the YUV color 100.6800, 76.0798, 4.6656.

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

100.6800, 76.0798, 4.6656

Protanopia

84.2700, 63.9569, -73.9048

Deuteranopia

84.3720, 49.1166, -73.9942



Tritanopia

96.0040, 13.8020, -40.3455

Trichromacy



Original Color

100.6800, 76.0798, 4.6656



Protanomaly

90.5970, 68.2327, -45.2506



Deuteranomaly

90.1920, 59.0653, -44.8954



Tritanomaly

97.4770, 36.7398, -24.0973

Monochromacy



Original Color

100.6800, 76.0798, 4.6656



Achromatopsia

101.0000, 0.0000, 0.0000



Achromatomaly

100.9380, 27.6386, 1.8084

CSS Examples

Text

The CSS property to change the color of the text to YUV 100.6800, 76.0798, 4.6656 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(106, 68, 255)` looks like.

```
.text, #text, p{  
    color:rgb(106, 68, 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(106, 68, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 68, 255) }
```

Border

The CSS property to change the border of an element to YUV 100.6800, 76.0798, 4.6656 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(106, 68, 255) }
```


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

```
.border{ border-color:rgb(106, 68, 255) }
```

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

Here you see how a box with a 4 pixel rgb(106, 68, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 68, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 68, 255);  
box-shadow:4px 4px 4px 4px rgb(106, 68,  
255) }
```

Background

The CSS property to change the background color of an element to YUV 100.6800, 76.0798, 4.6656 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 68, 255) }
```

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

```
.background{ background-color: rgb(106, 68,  
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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