

Converting Colors

YUV(99.4730, 76.6748, 0.4622)

Have a look what the booklet for
YUV(99.4730, 76.6748, 0.4622)
contains.

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Color

**YUV(99.4730, 76.6748,
0.4622)**

Conversions

Conversions Part 1

Format	Color
Hex	6445FF
RGB	100, 69, 255
RGB Percent	39%, 27%, 100%
CMY	0.6078, 0.7294, 0.0000
CMYK	0.61, 0.73, 0.00, 0.00
HSL	250°, 100%, 64%
HSV	250°, 73%, 100%
XYZ	25.4337, 14.1856, 96.0053
YIQ	99.4730, -41.2300, 64.4180

Conversions

Conversions Part 2

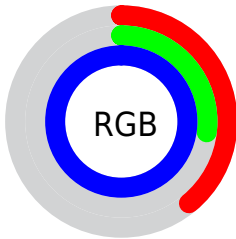
Format	Color
R _Y B	100, 69, 255
Decimal	6571519
CIE Lab	44.50, 61.43, -87.48
CIE LCh	44, 106.893, 305.080
Yxy	14.1856, 0.1875, 0.1046
Android (android.graphics.Color)	4284761599 (0xFF6445FF)
YUV	99.4730, 76.6748, 0.4622
Hunter-Lab	37.6637, 54.6263, -124.7663

Details

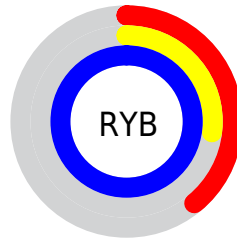
The YUV color **99.4730, 76.6748, 0.4622** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **224.5270, -76.6748, -0.4622**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.4320, 52.0450, 13.6531**, and **31.2630, 81.7083, -27.4177** is the 20% darker color. If you saturate the color by 10%, you get **77.9320, 87.2945, 0.9366**, and if you desaturate by 10%, it is **120.4270, 66.3445, 0.5025**.

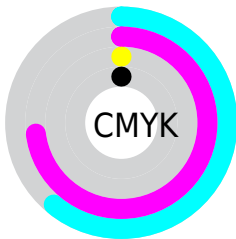
Distribution



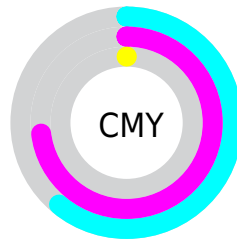
- Red (39%)
- Green (27%)
- Blue (100%)



- Red (39%)
- Yellow (27%)
- Blue (100%)



- Cyan (61%)
- Magenta (73%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (73%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the YUV color 99.4730, 76.6748, 0.4622 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 99.4730, 76.6748, 0.4622 by changing the saturation by 10% instead.

■ 99.4730, 76.6748,
0.4622

■ 99.4730, 76.6748,
0.4622

255.0000, 0.0000,
0.0000

■ 69.5430, 77.1333,
-6.6152

■ 149.4320, 52.0450,
13.6531

■ 31.2630, 81.7083,
-27.4177

■ 174.8490, 39.5144,
19.4264

■ 19.2660, 73.8189,
-16.8963

■ 199.9670, 27.1313,
24.5849

■ 16.0740, 61.5885,
-14.0969

■ 224.4760, 15.0483,
26.7695

■ 12.9960, 49.7950,
-11.3975

■ 241.4990, 6.6560,
11.8404

■ 17.7770, 35.1129,
-15.5904

■ 11.4050, 25.9293,

-10.0022

■ 6.4350, 17.0405,
-5.6435

■ 2.7530, 8.0098,
-2.4144

■ 99.4730, 76.6748,
0.4622

■ 99.4730, 76.6748,
0.4622

■ 77.9320, 87.2945,
0.9366

■ 120.4270, 66.3445,
0.5025

■ 56.9780, 97.6248,
0.8963

■ 142.2670, 55.5774,
0.6428

■ 41.9270, 105.0450,
0.9410

■ 163.8080, 44.9577,
0.1684

■ 184.7620, 34.6273,
0.2087

■ 205.7160, 24.2970,
0.2491

■ 227.2570, 13.6773,
-0.2254

■ 248.5100, 3.1996,
0.4297

■ 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



99.4730, 76.6748, 0.4622



85.3320, 47.6573, 114.5958

Triad

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



99.4730, 76.6748, 0.4622



94.6440, -46.6595, 79.2422



93.3980, 12.6218, -81.9100

Complementary

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



99.4730, 76.6748, 0.4622



224.5270, -76.6748, -0.4622

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.



79.0970, -34.5578, -69.3681



99.4730, 76.6748, 0.4622



97.7810, -48.2060, 15.1011

Square

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



99.4730, 76.6748, 0.4622



69.7810, -33.9090, 143.1431



73.9620, -36.4633, -64.8647



104.7180, 50.9180, -91.8377

Rectangle

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



99.4730, 76.6748, 0.4622



87.0920, 18.1956, 137.6083



73.9620, -36.4633, -64.8647



89.2770, -0.6296, -78.2959

Sweetspot

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



99.4730, 76.6748, 0.4622



208.0750, 23.1340, -0.0658



181.1890, 36.3888, -98.3898



99.6700, 13.9667, 0.2894



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.



99.4730, 76.6748, 0.4622



67.5990, 92.3887, 0.3517



127.2800, 62.9660, 57.6364



117.0800, 5.3836, -0.0702



31.3420, 78.7114, 0.5771



10.5850, 26.3336, 0.3640

Inverse Universe

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



142.2840, 40.2860, 98.8519



119.2940, 48.6621, 119.0142



196.7200, -62.9660, -57.6364



120.0270, 2.4517, 6.9923



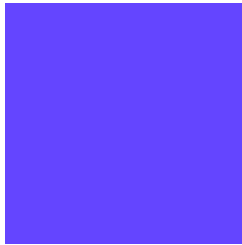
75.2350, 41.2961, 101.5259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 99.4730, 76.6748, 0.4622 looks on a white background.

Color Contrast Check

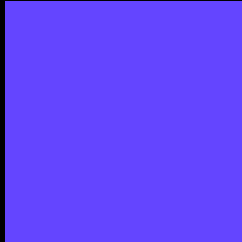
Large Text (above 18pt) WCAG AA ✓ Pass

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 99.4730, 76.6748, 0.4622 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 99.4730, 76.6748, 0.4622

Background



This preview shows how black text looks on a background with the YUV color 99.4730, 76.6748, 0.4622.



This preview shows how white text looks on a background with the YUV color 99.4730, 76.6748,

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

99.4730, 76.6748, 0.4622

Protanopia

83.4550, 63.3727, -73.1900

Deuteranopia

83.5570, 48.5324, -73.2795



Tritanopia

91.5080, 16.0186, -51.3115

Trichromacy



Original Color

99.4730, 76.6748, 0.4622

Protanomaly

88.9990, 68.5275, -46.4801

Deuteranomaly

89.1810, 59.0708, -46.6397

Tritanomaly

94.1770, 38.3667, -32.6042

Monochromacy



Original Color

99.4730, 76.6748, 0.4622

Achromatopsia

99.0000, 0.0000, 0.0000

Achromatomaly

99.0410, 28.0808, -0.0360

CSS Examples

Text

The CSS property to change the color of the text to YUV 99.4730, 76.6748, 0.4622 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, 69, 255)` looks like.

```
.text, #text, p{  
    color:rgb(100, 69, 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, 69, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 69, 255) }
```

Border

The CSS property to change the border of an element to YUV 99.4730, 76.6748, 0.4622 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, 69, 255) }
```


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

```
.border{ border-color:rgb(100, 69, 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, 69, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(100, 69, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(100, 69, 255); box-shadow:4px 4px 4px 4px rgb(100, 69, 255) }
```

Background

The CSS property to change the background color of an element to YUV 99.4730, 76.6748, 0.4622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 69, 255) }
```

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

```
.background{ background-color: rgb(100, 69,  
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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