

Converting Colors

YUV(115.7690, 67.6549, 0.2026)

Have a look what the booklet for
YUV(115.7690, 67.6549, 0.2026)
contains.

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Color

**YUV(115.7690, 67.6549,
0.2026)**

Conversions

Conversions Part 1

Format	Color
Hex	7459FD
RGB	116, 89, 253
RGB Percent	45%, 35%, 99%
CMY	0.5451, 0.6510, 0.0078
CMYK	0.54, 0.65, 0.00, 0.01
HSL	250°, 98%, 67%
HSV	250°, 65%, 99%
XYZ	28.5045, 17.9496, 94.8908
YIQ	115.7690, -36.5520, 56.7280

Conversions

Conversions Part 2

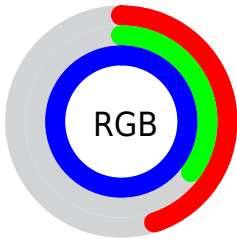
Format	Color
R _Y B	116, 89, 253
Decimal	7625213
CIE Lab	49.43, 52.63, -78.22
CIE LCh	49, 94.277, 303.936
Yxy	17.9496, 0.2017, 0.1270
Android (android.graphics.Color)	4285815293 (0xFF7459FD)
YUV	115.7690, 67.6549, 0.2026
Hunter-Lab	42.3670, 45.9524, -103.1370

Details

The YUV color **115.7690, 67.6549, 0.2026** is a light color, and the websafe version is hex **6666FF**. The color can be described as light muted purple. A complement of this color would be **226.2310, -67.6549, -0.2026**, and the grayscale version is **115.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.0590, 44.3409, 11.3493**, and **58.8660, 67.1141, -13.0375** is the 20% darker color. If you saturate the color by 10%, you get **94.8150, 77.9852, 0.1622**, and if you desaturate by 10%, it is **136.7230, 57.3246, 0.2429**.

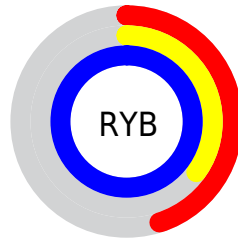
Distribution



Red (45%)

Green (35%)

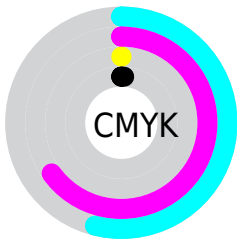
Blue (99%)



Red (45%)

Yellow (35%)

Blue (99%)

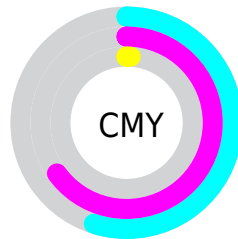


Cyan (54%)

Magenta (65%)

Yellow (0%)

Black (1%)



Cyan (55%)

Magenta (65%)

Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the YUV color 115.7690, 67.6549, 0.2026 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 115.7690, 67.6549, 0.2026 by changing the saturation by 10% instead.

■ 115.7690, 67.6549,
0.2026

■ 115.7690, 67.6549,
0.2026

■ 255.0000, 0.0000,
0.0000

■ 87.9210, 67.0869,
-4.3157

■ 165.0590, 44.3409,
11.3493

■ 58.8660, 67.1141,
-13.0375

■ 190.1770, 31.9577,
16.5078

■ 27.8430, 68.6044,
-24.4183

■ 214.9960, 19.7220,
21.0515

■ 15.9600, 61.1517,
-13.9969

■ 236.8030, 8.9711,
15.9588

■ 12.8820, 49.3582,
-11.2975

■ 253.2390, 0.8682,
1.5444

■ 14.1410, 36.4125,
-12.4017

■ 10.7040, 25.7819,

-9.3874

■ 6.3210, 16.6037,
-5.5435

■ 2.6390, 7.5730,
-2.3144

■ 115.7690, 67.6549,
0.2026

■ 115.7690, 67.6549,
0.2026

■ 94.8150, 77.9852,
0.1622

■ 136.7230, 57.3246,
0.2429

■ 73.2740, 88.6049,
0.6367

■ 158.2640, 46.7048,
-0.2315

■ 52.3200, 98.9352,
0.5964

■ 179.2180, 36.3745,
-0.1912

■ 41.4000, 104.3188,
0.5262

■ 200.4710, 25.8968,
0.4639

■ 222.0120, 15.2771,
-0.0105

■ 242.9660, 4.9468,
0.0298

254.7720, -0.8736,
0.2000

Harmonies

Analogous

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



103.0320, 74.9202, -90.3591



115.7690, 67.6549, 0.2026



86.5430, 51.0043, 114.4108

Triad

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



115.7690, 67.6549, 0.2026



107.6240, -53.0586, 78.3828



101.2400, 12.2067, -88.7875

Complementary

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



115.7690, 67.6549, 0.2026



226.2310, -67.6549, -0.2026

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.



89.4470, -25.3634, -78.4450



115.7690, 67.6549, 0.2026



109.3320, -53.9007, 21.6338

Square

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



115.7690, 67.6549, 0.2026



75.1090, -21.2527, 143.7324



91.1940, -44.9586, -46.6511



110.9470, 46.8611, -97.3005

Rectangle

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



115.7690, 67.6549, 0.2026



88.5740, 23.8740, 136.3086



91.1940, -44.9586, -46.6511



97.4610, 0.2657, -85.4733

Sweetspot

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



115.7690, 67.6549, 0.2026



214.8640, 19.7870, 0.1193



189.2890, 31.4095, -87.9535



102.9150, 12.3669, 0.0745



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.



115.7690, 67.6549, 0.2026



88.5530, 82.0584, 0.3920



139.6890, 55.8623, 49.3847



117.0800, 5.3836, -0.0702



31.0430, 78.8588, -0.0377



10.2860, 26.4810, -0.2508

Inverse Universe

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



153.6540, 35.6666, 87.1264



134.4250, 43.1745, 105.7443



202.3110, -55.8623, -49.3847



120.0270, 2.4517, 6.9923



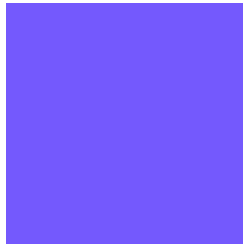
75.3490, 41.7329, 101.4259



25.1780, 13.7162, 34.0469

Previews

White Background



This preview shows how the YUV color 115.7690, 67.6549, 0.2026 looks on a white background.

Color Contrast Check

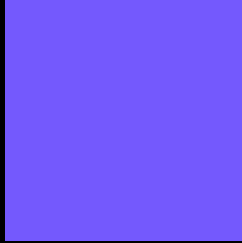
Large Text (above 18pt) WCAG AA ✓ Pass

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 115.7690, 67.6549, 0.2026 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

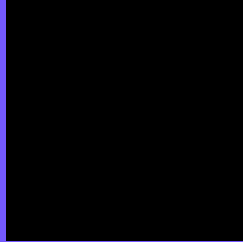
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 115.7690, 67.6549, 0.2026

Background



This preview shows how black text looks on a background with the YUV color 115.7690, 67.6549, 0.2026.



This preview shows how white text looks on a background with the YUV color 115.7690, 67.6549,

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

115.7690, 67.6549, 0.2026

Protanopia

93.5770, 71.6935, -82.0670

Deuteranopia

93.9240, 55.2535, -82.3713



Tritanopia

111.1900, 11.7383, -31.7386

Trichromacy



Original Color

115.7690, 67.6549, 0.2026



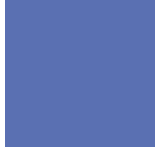
Protanomaly

101.4220, 70.2910, -52.1131



Deuteranomaly

101.9630, 59.6712, -52.5876



Tritanomaly

112.9460, 32.0716, -20.1236

Monochromacy



Original Color

115.7690, 67.6549, 0.2026



Achromatopsia

116.0000, 0.0000, 0.0000



Achromatomaly

115.8300, 24.7338, 0.1491

CSS Examples

Text

The CSS property to change the color of the text to YUV 115.7690, 67.6549, 0.2026 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(116, 89, 253)` looks like.

```
.text, #text, p{  
    color:rgb(116, 89, 253)  
}
```

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(116, 89, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 89, 253) }
```

Border

The CSS property to change the border of an element to YUV 115.7690, 67.6549, 0.2026 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(116, 89, 253) }
```


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

```
.border{ border-color:rgb(116, 89, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 89, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(116, 89, 253); -webkit-box-shadow:4px 4px 4px 4px rgb(116, 89, 253); box-shadow:4px 4px 4px 4px rgb(116, 89, 253) }
```

Background

The CSS property to change the background color of an element to YUV 115.7690, 67.6549, 0.2026 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 89, 253) }
```

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

```
.background{ background-color: rgb(116, 89,  
253) }
```

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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