

Converting Colors

YUV(67.1790, 86.1868, 29.6610)

Have a look what the booklet for
YUV(67.1790, 86.1868, 29.6610)
contains.

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Color

**YUV(67.1790, 86.1868,
29.6610)**

Conversions

Conversions Part 1

Format	Color
Hex	6510F2
RGB	101, 16, 242
RGB Percent	40%, 6%, 95%
CMY	0.6039, 0.9373, 0.0510
CMYK	0.58, 0.93, 0.00, 0.05
HSL	263°, 90%, 51%
HSV	263°, 93%, 95%
XYZ	21.5791, 9.5481, 84.7100
YIQ	67.1790, -21.8860, 88.3060

Conversions

Conversions Part 2

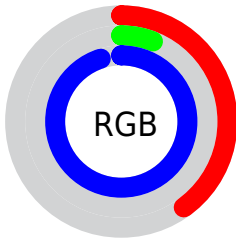
Format	Color
R _Y B	101, 16, 242
Decimal	6623474
CIE Lab	37.02, 76.50, -92.53
CIE LCh	37, 120.058, 309.580
Yxy	9.5481, 0.1863, 0.0824
Android (android.graphics.Color)	4284813554 (0xFF6510F2)
YUV	67.1790, 86.1868, 29.6610
Hunter-Lab	30.9000, 70.5813, -140.9092

Details

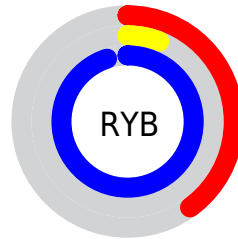
The YUV color **67.1790, 86.1868, 29.6610** is a dark color, and the websafe version is hex **6600FF**. The color can be described as dark washed purple. A complement of this color would be **190.8210, -86.1868, -29.6610**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.7240, 62.7471, 34.4451**, and **20.9760, 80.3708, -18.3960** is the 20% darker color. If you saturate the color by 10%, you get **54.7970, 92.2911, 31.7500**, and if you desaturate by 10%, it is **85.7520, 77.0303, 26.5275**.

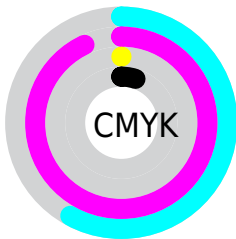
Distribution



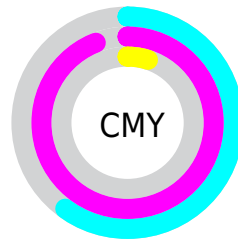
- Red (40%)
- Green (6%)
- Blue (95%)



- Red (40%)
- Yellow (6%)
- Blue (95%)



- Cyan (58%)
- Magenta (93%)
- Yellow (0%)
- Black (5%)



- Cyan (60%)
- Magenta (94%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.1790, 86.1868, 29.6610 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 67.1790, 86.1868, 29.6610 by changing the saturation by 10% instead.

67.1790, 86.1868,
29.6610

67.1790, 86.1868,
29.6610

255.0000, 0.0000,
0.0000

43.1190, 83.7513,
17.4356

127.7240, 62.7471,
34.4451

20.9760, 80.3708,
-18.3960

153.4290, 50.0745,
39.0888

17.7840, 68.1405,
-15.5966

179.4330, 37.2545,
44.3473

14.7060, 56.3469,
-12.8972

203.3440, 25.4664,
45.3023

12.3290, 44.7008,
-10.8125

220.3670, 17.0741,
30.3731

14.6480, 30.7395,
-12.8463

237.3900, 8.6817,

9.0910, 22.1401,

15.4440

-7.9728

254.4130, 0.2894,
0.5148

■ 4.7080, 12.9620,
-4.1289

■ 0.3420, 1.3104,
-0.2999

■ 67.1790, 86.1868,
29.6610

■ 67.1790, 86.1868,
29.6610

■ 54.7970, 92.2911,
31.7500

■ 85.7520, 77.0303,
26.5275

■ 104.3250, 67.8738,
23.3940

■ 123.4850, 58.4279,
19.7457

■ 142.0580, 49.2714,
16.6121

■ 160.6310, 40.1149,
13.4786

■ 179.5030, 30.8110,
10.9599

■ 198.0760, 21.6545,
7.8263

■ 217.2360, 12.2087,
4.1780

■ 235.8090, 3.0522,
1.0445

Harmonies

Analogous

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



85.4220, 83.6020, -74.9151



67.1790, 86.1868, 29.6610



81.8840, 37.0322, 115.8657

Triad

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



67.1790, 86.1868, 29.6610



77.1790, -38.0492, 70.8800



82.1310, 17.6834, -72.0289

Complementary

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



67.1790, 86.1868, 29.6610



190.8210, -86.1868, -29.6610

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.



66.9180, -32.9906, -58.6871



67.1790, 86.1868, 29.6610



78.5000, -38.7005, -0.4385

Square

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



67.1790, 86.1868, 29.6610



63.6870, -31.3977, 130.9475



63.9830, -31.5436, -56.1131



94.7220, 58.3111, -83.0712

Rectangle

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



67.1790, 86.1868, 29.6610



81.5790, 6.1236, 136.3042



63.9830, -31.5436, -56.1131



77.6680, 3.1217, -68.1148

Sweetspot

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



67.1790, 86.1868, 29.6610



199.8680, 27.1801, 8.8858



125.7050, 57.3334, -96.2113



93.8000, 16.8606, 5.4374



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.



67.1790, 86.1868, 29.6610



57.7740, 97.2324, 33.5242



100.3680, 69.8246, 97.9013



110.5640, 4.6519, 1.2594



41.6070, 70.1997, 24.0237



12.6630, 21.3651, 7.3115

Inverse Universe

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



99.6480, 28.2745, 124.8427



94.3710, 31.8621, 140.8716



157.6320, -69.8246, -97.9013



112.3860, 1.2887, 6.6775



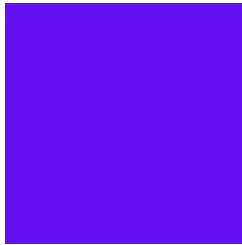
68.1260, 23.1089, 101.6215



20.7340, 7.0331, 30.9283

Previews

White Background



This preview shows how the YUV color 67.1790, 86.1868, 29.6610 looks on a white background.

Color Contrast Check

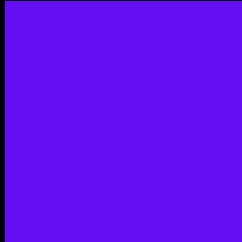
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the YUV color 67.1790, 86.1868, 29.6610 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

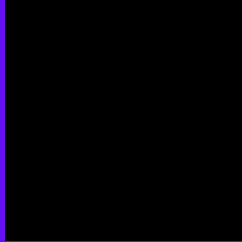
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.1790, 86.1868, 29.6610

Background



This preview shows how black text looks on a background with the YUV color 67.1790, 86.1868, 29.6610.



This preview shows how white text looks on a background with the YUV color 67.1790, 86.1868,

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

67.1790, 86.1868, 29.6610

Protanopia

69.4860, 53.0044, -60.9392

Deuteranopia

70.0440, 39.9113, -61.4286



Tritanopia

80.3640, 11.1595, -32.7682

Trichromacy



Original Color

67.1790, 86.1868, 29.6610

Protanomaly

68.6100, 65.2683, -27.7220

Deuteranomaly

69.0200, 56.6851, -28.0815

Tritanomaly

75.4340, 38.7330, -10.0276

Monochromacy



Original Color

67.1790, 86.1868, 29.6610

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.7310, 31.6846, 10.7599

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.1790, 86.1868, 29.6610 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(101, 16, 242)` looks like.

```
.text, #text, p{  
    color:rgb(101, 16, 242)  
}
```

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(101, 16, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 16, 242) }
```

Border

The CSS property to change the border of an element to YUV 67.1790, 86.1868, 29.6610 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(101, 16, 242) }
```


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

```
.border{ border-color:rgb(101, 16, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 16, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 16, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 16, 242);  
box-shadow:4px 4px 4px 4px rgb(101, 16,  
242) }
```

Background

The CSS property to change the background color of an element to YUV 67.1790, 86.1868, 29.6610 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 16, 242) }
```

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

```
.background{ background-color: rgb(101, 16,  
242) }
```

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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