

Converting Colors

YUV(67.2180, 66.9405, 42.7818)

Have a look what the booklet for
YUV(67.2180, 66.9405, 42.7818)
contains.

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Color

**YUV(67.2180, 66.9405,
42.7818)**

Conversions

Conversions Part 1

Format	Color
Hex	7410CB
RGB	116, 16, 203
RGB Percent	45%, 6%, 80%
CMY	0.5451, 0.9373, 0.2039
CMYK	0.43, 0.92, 0.00, 0.20
HSL	272°, 85%, 43%
HSV	272°, 92%, 80%
XYZ	18.1672, 8.3954, 57.1629
YIQ	67.2180, -0.4270, 79.3570

Conversions

Conversions Part 2

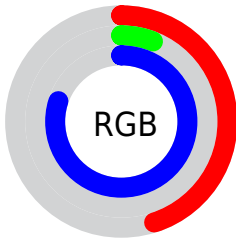
Format	Color
R _Y B	116, 16, 203
Decimal	7606475
CIE Lab	34.79, 69.08, -73.77
CIE LCh	35, 101.065, 313.121
Yxy	8.3954, 0.2170, 0.1003
Android (android.graphics.Color)	4285796555 (0xFF7410CB)
YUV	67.2180, 66.9405, 42.7818
Hunter-Lab	28.9748, 61.2139, -96.6878

Details

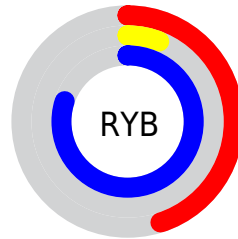
The YUV color **67.2180, 66.9405, 42.7818** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **151.7820, -66.9405, -42.7818**, and the grayscale version is **67.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **129.2410, 61.9992, 41.0076**, and **32.6050, 56.3967, 17.8864** is the 20% darker color. If you saturate the color by 10%, you get **55.7330, 72.6026, 46.7152**, and if you desaturate by 10%, it is **81.6490, 59.8260, 38.0188**.

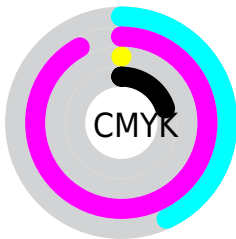
Distribution



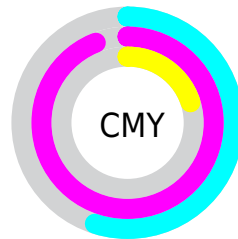
- Red (45%)
- Green (6%)
- Blue (80%)



- Red (45%)
- Yellow (6%)
- Blue (80%)



- Cyan (43%)
- Magenta (92%)
- Yellow (0%)
- Black (20%)



- Cyan (55%)
- Magenta (94%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the YUV color 67.2180, 66.9405, 42.7818 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 67.2180, 66.9405, 42.7818 by changing the saturation by 10% instead.

67.2180, 66.9405,
42.7818

67.2180, 66.9405,
42.7818

255.0000, 0.0000,
0.0000

45.6640, 63.7626,
35.3747

129.2410, 61.9992,
41.0076

32.6050, 56.3967,
17.8864

154.6470, 49.4740,
45.0366

14.6910, 52.4103,
-10.2530

180.0530, 36.9489,
49.0655

10.8300, 41.4958,
-9.4979

202.1700, 26.0452,
46.3319

10.9150, 29.1289,
-9.5725

218.6060, 17.9422,
31.9175

7.7060, 19.3719,
-6.7582


235.6290, 9.5499,


3.4370, 10.6306,


16.9884


-3.0142


 253.2390, 0.8682,
1.5444


 0.0000, 0.0000,
0.0000


 67.2180, 66.9405,
42.7818


 67.2180, 66.9405,
42.7818


 55.7330, 72.6026,
46.7152

 81.6490, 59.8260,
38.0188

 96.9660, 52.2748,
33.3558

 111.3970, 45.1603,
28.5928

 126.1270, 37.8984,
24.4446

 141.1450, 30.4945,
19.1668

■ 155.8750, 23.2326,
15.0186

■ 170.3060, 16.1181,
10.2556

■ 185.0360, 8.8563,
6.1074

■ 200.0540, 1.4524,
0.8296

Harmonies

Analogous

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



77.2380, 82.7067, -67.7377



67.2180, 66.9405, 42.7818



72.9400, 28.6236, 106.1696

Triad

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



67.2180, 66.9405, 42.7818



75.8840, -37.4108, 52.7217



77.3210, 19.5617, -67.8105

Complementary

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



67.2180, 66.9405, 42.7818



151.7820, -66.9405, -42.7818

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.



65.5280, -18.0083, -57.4681



67.2180, 66.9405, 42.7818



72.8630, -35.9215, -5.1419

Square

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



67.2180, 66.9405, 42.7818



55.6140, -27.4177, 114.3485



59.8740, -29.5179, -52.5095



86.6860, 52.9058, -76.0236

Rectangle

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



67.2180, 66.9405, 42.7818



71.3830, 3.2622, 120.6901



59.8740, -29.5179, -52.5095



73.5420, 7.6208, -64.4963

Sweetspot

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



67.2180, 66.9405, 42.7818



203.4560, 25.4112, 16.2631



88.3870, 56.5042, -63.4834



95.8930, 15.8288, 9.7408



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.



67.2180, 66.9405, 42.7818



69.7340, 91.3361, 58.1153



92.5470, 51.4953, 96.8673



94.6350, 3.6309, 2.0741



45.5350, 59.3892, 38.1188



10.3120, 13.6502, 8.4964

Inverse Universe

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



81.8310, 10.4363, 106.2652



89.8110, 14.3902, 144.8708



126.4530, -51.4953, -96.8673



95.5600, 0.7099, 5.6479



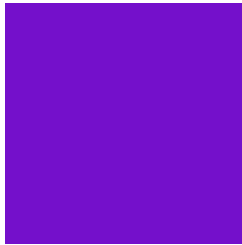
58.4120, 9.1639, 94.3547



13.4140, 2.2609, 21.5619

Previews

White Background



This preview shows how the YUV color 67.2180, 66.9405, 42.7818 looks on a white background.

Color Contrast Check

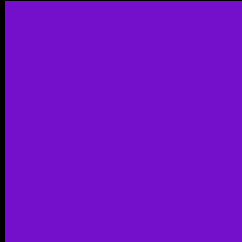
Large Text (above 18pt) WCAG AA ✓ Pass

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 67.2180, 66.9405, 42.7818 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

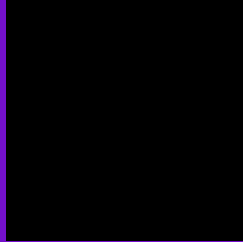
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 67.2180, 66.9405, 42.7818

Background



This preview shows how black text looks on a background with the YUV color 67.2180, 66.9405, 42.7818.



This preview shows how white text looks on a background with the YUV color 67.2180, 66.9405,

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

67.2180, 66.9405, 42.7818

Deuteranopia

66.4250, 38.7375, -58.2547

Tritanopia

83.3750, 1.2941, 4.9331

Trichromacy



Original Color

67.2180, 66.9405, 42.7818

Deuteranomaly

66.7020, 48.9539, -21.6637

Tritanomaly

77.7660, 25.2584, 18.6222

Monochromacy



Original Color

67.2180, 66.9405, 42.7818

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

66.8150, 24.2482, 15.9482

CSS Examples

Text

The CSS property to change the color of the text to YUV 67.2180, 66.9405, 42.7818 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, 16, 203)` looks like.

```
.text, #text, p{  
    color:rgb(116, 16, 203)  
}
```

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, 16, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(116, 16, 203) }
```

Border

The CSS property to change the border of an element to YUV 67.2180, 66.9405, 42.7818 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, 16, 203) }
```

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

```
.border{ border-color:rgb(116, 16, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(116, 16, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(116, 16, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(116, 16, 203);  
box-shadow:4px 4px 4px 4px rgb(116, 16,  
203) }
```


Background

The CSS property to change the background color of an element to YUV 67.2180, 66.9405, 42.7818 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(116, 16, 203) }
```

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

```
.background{ background-color: rgb(116, 16,  
203) }
```

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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