

Converting Colors

YUV(77.0530, 67.0219, 16.6165)

Have a look what the booklet for
YUV(77.0530, 67.0219, 16.6165)
contains.

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Color

**YUV(77.0530, 67.0219,
16.6165)**

Conversions

Conversions Part 1

Format	Color
Hex	6029D5
RGB	96, 41, 213
RGB Percent	38%, 16%, 84%
CMY	0.6235, 0.8392, 0.1647
CMYK	0.55, 0.81, 0.00, 0.16
HSL	259°, 68%, 50%
HSV	259°, 81%, 84%
XYZ	17.6270, 8.8768, 63.7351
YIQ	77.0530, -22.4320, 65.1520

Conversions

Conversions Part 2

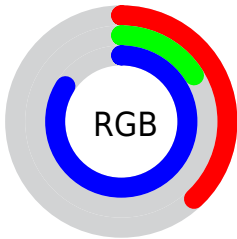
Format	Color
R_{YB}	96, 41, 213
Decimal	6302165
CIE _{Lab}	35.75, 62.09, -78.09
CIE _{LCh}	36, 99.764, 308.491
Yxy	8.8768, 0.1953, 0.0984
Android (android.graphics.Color)	4284492245 (0xFF6029D5)
YUV	77.0530, 67.0219, 16.6165
Hunter-Lab	29.7939, 53.4671, -105.9774

Details

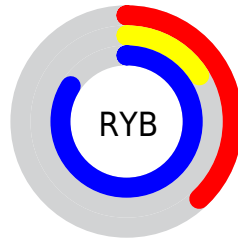
The YUV color **77.0530, 67.0219, 16.6165** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **176.9470, -67.0219, -16.6165**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.4900, 60.8904, 23.2493**, and **21.1870, 66.9558, -8.9340** is the 20% darker color. If you saturate the color by 10%, you get **60.5400, 75.1628, 18.8204**, and if you desaturate by 10%, it is **93.5660, 58.8810, 14.4126**.

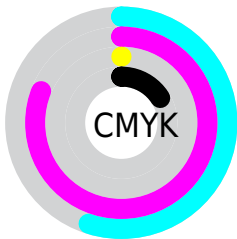
Distribution



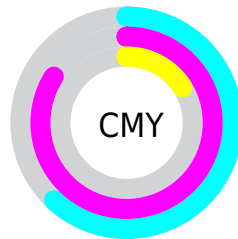
- Red (38%)
- Green (16%)
- Blue (84%)



- Red (38%)
- Yellow (16%)
- Blue (84%)



- Cyan (55%)
- Magenta (81%)
- Yellow (0%)
- Black (16%)



- Cyan (62%)
- Magenta (84%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the YUV color 77.0530, 67.0219, 16.6165 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 77.0530, 67.0219, 16.6165 by changing the saturation by 10% instead.

■ 77.0530, 67.0219,
16.6165

■ 77.0530, 67.0219,
16.6165

■ 255.0000, 0.0000,
0.0000

■ 43.7370, 69.6427,
16.0167

■ 131.4900, 60.8904,
23.2493

■ 21.1870, 66.9558,
-8.9340

■ 156.3090, 48.6547,
27.7930

■ 14.8200, 56.7837,
-12.9971

■ 181.1280, 36.4189,
32.3367

■ 11.8560, 45.4270,
-10.3977

■ 206.8330, 23.7463,
36.9805

■ 14.1750, 31.4657,
-12.4315

■ 225.0630, 14.7589,
26.2547

■ 9.0910, 22.1401,
-7.9728

■ 242.0860, 6.3666,

■ 4.8220, 13.3988,

11.3256

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 77.0530, 67.0219,
16.6165

■ 77.0530, 67.0219,
16.6165

■ 60.5400, 75.1628,
18.8204

■ 93.5660, 58.8810,
14.4126

■ 44.6140, 83.0143,
20.5095

■ 110.9650, 50.3033,
12.3087

■ 127.4780, 42.1623,
10.1048

■ 144.2900, 33.8740,
8.5157

■ 160.8030, 25.7331,
6.3118

■ 178.2020, 17.1554,
4.2078

■ 194.7150, 9.0145,
2.0039

■ 211.5270, 0.7262,
0.4148

■ 228.6270, -7.7041,
-2.3039

Harmonies

Analogous

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



81.6890, 81.9913, -71.6413



77.0530, 67.0219, 16.6165



72.7420, 35.6232, 101.0813

Triad

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



77.0530, 67.0219, 16.6165



76.5370, -37.7327, 62.6731



77.2410, 14.1782, -67.7404

Complementary

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



77.0530, 67.0219, 16.6165



176.9470, -67.0219, -16.6165

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.



64.7640, -26.0127, -56.7980



77.0530, 67.0219, 16.6165



77.0600, -37.9906, 5.2094

Square

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



77.0530, 67.0219, 16.6165



58.0060, -28.5970, 119.2667



60.4610, -29.8073, -53.0243



87.3070, 47.6696, -76.5682

Rectangle

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



77.0530, 67.0219, 16.6165



72.9790, 9.3774, 119.2904



60.4610, -29.8073, -53.0243



73.4620, 2.2372, -64.4262

Sweetspot

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



77.0530, 67.0219, 16.6165



206.6350, 23.8439, 5.5821



129.8740, 40.9811, -77.9425



98.5070, 14.5400, 3.0634



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.



77.0530, 67.0219, 16.6165



59.7790, 96.2440, 23.8728



102.4680, 54.4923, 68.8726



98.4500, 4.2152, 1.3594



35.9390, 66.5851, 16.7165



9.0880, 16.7186, 4.3078

Inverse Universe

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



105.7660, 25.7514, 94.0442



101.0050, 36.9725, 135.0536



151.5320, -54.4923, -68.8726



100.2010, 1.8729, 5.9627



64.3530, 25.4620, 93.5294



16.1630, 6.3286, 23.5360

Previews

White Background



This preview shows how the YUV color 77.0530, 67.0219, 16.6165 looks on a white background.

Color Contrast Check

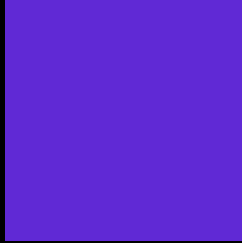
Large Text (above 18pt) WCAG AA ✓ Pass

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 77.0530, 67.0219, 16.6165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

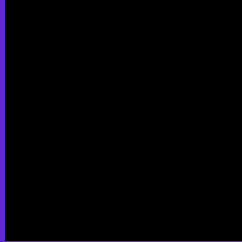
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 77.0530, 67.0219, 16.6165

Background



This preview shows how black text looks on a background with the YUV color 77.0530, 67.0219, 16.6165.



This preview shows how white text looks on a background with the YUV color 77.0530, 67.0219,

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

77.0530, 67.0219, 16.6165

Protanopia

67.0410, 51.2518, -58.7950

Deuteranopia

67.7130, 38.5955, -59.3843



Tritanopia

79.7460, 8.5062, -21.7022

Trichromacy



Original Color

77.0530, 67.0219, 16.6165

Protanomaly

70.4110, 56.9854, -31.0554

Deuteranomaly

70.9350, 48.8390, -31.5150

Tritanomaly

79.0400, 29.5603, -7.9281

Monochromacy



Original Color

77.0530, 67.0219, 16.6165

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.0480, 24.1333, 6.0969

CSS Examples

Text

The CSS property to change the color of the text to YUV 77.0530, 67.0219, 16.6165 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(96, 41, 213)` looks like.

```
.text, #text, p{  
    color:rgb(96, 41, 213)  
}
```

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(96, 41, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 41, 213) }
```

Border

The CSS property to change the border of an element to YUV 77.0530, 67.0219, 16.6165 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(96, 41, 213) }
```


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

```
.border{ border-color:rgb(96, 41, 213) }
```

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

Here you see how a box with a 4 pixel rgb(96, 41, 213) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 41, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 41, 213);  
box-shadow:4px 4px 4px 4px rgb(96, 41,  
213) }
```

Background

The CSS property to change the background color of an element to YUV 77.0530, 67.0219, 16.6165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 41, 213) }
```

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

```
.background{ background-color: rgb(96, 41,  
213) }
```

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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