

Converting Colors

YUV(74.6970, 67.1974, 53.7627)

Have a look what the booklet for
YUV(74.6970, 67.1974, 53.7627)
contains.

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Color

**YUV(74.6970, 67.1974,
53.7627)**

Conversions

Conversions Part 1

Format	Color
Hex	8811D3
RGB	136, 17, 211
RGB Percent	53%, 7%, 83%
CMY	0.4667, 0.9333, 0.1725
CMYK	0.36, 0.92, 0.00, 0.17
HSL	277°, 85%, 45%
HSV	277°, 92%, 83%
XYZ	22.1117, 10.3383, 62.4581
YIQ	74.6970, 8.6500, 85.5620

Conversions

Conversions Part 2

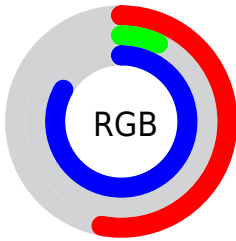
Format	Color
R_{YB}	136, 17, 211
Decimal	8917459
CIE _{Lab}	38.44, 72.85, -72.31
CIE _{LCh}	38, 102.642, 315.211
Yxy	10.3383, 0.2330, 0.1089
Android (android.graphics.Color)	4287107539 (0xFF8811D3)
YUV	74.6970, 67.1974, 53.7627
Hunter-Lab	32.1532, 66.4858, -92.6645

Details

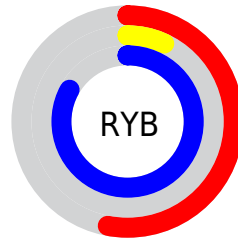
The YUV color **74.6970, 67.1974, 53.7627** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **153.3030, -67.1974, -53.7627**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.5690, 57.8935, 51.2440**, and **40.3940, 56.5008, 31.2265** is the 20% darker color. If you saturate the color by 10%, you get **62.6250, 73.1489, 58.2109**, and if you desaturate by 10%, it is **89.4160, 59.9409, 47.8702**.

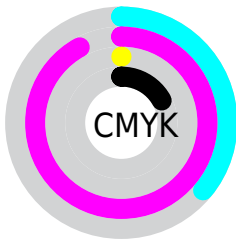
Distribution



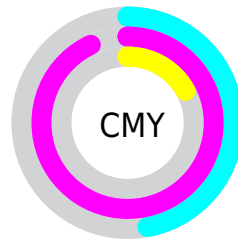
- Red (53%)
- Green (7%)
- Blue (83%)



- Red (53%)
- Yellow (7%)
- Blue (83%)



- Cyan (36%)
- Magenta (92%)
- Yellow (0%)
- Black (17%)



- Cyan (47%)
- Magenta (93%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 74.6970, 67.1974, 53.7627 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 74.6970, 67.1974, 53.7627 by changing the saturation by 10% instead.

74.6970, 67.1974,
53.7627

74.6970, 67.1974,
53.7627

255.0000, 0.0000,
0.0000

52.5560, 64.3089,
46.8704

137.5690, 57.8935,
51.2440

40.3940, 56.5008,
31.2265

163.5620, 45.0789,
54.7581

27.1500, 49.7190,
13.0235

188.6690, 32.7012,
58.1723

11.6280, 44.5534,
-10.1978

205.6920, 24.3088,
43.2431

8.7780, 33.6334,
-7.6983

222.7150, 15.9165,
28.3139

8.9770, 21.7033,
-7.8728

239.7380, 7.5242,

4.7080, 12.9620,

13.3848

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 74.6970, 67.1974,
53.7627

■ 74.6970, 67.1974,
53.7627

■ 62.6250, 73.1489,
58.2109

■ 89.4160, 59.9409,
47.8702

■ 104.1350, 52.6844,
41.9776

■ 118.8540, 45.4280,
36.0850

■ 133.8720, 38.0241,
30.8073

■ 148.5910, 30.7676,
24.9147

■ 163.8970, 23.2218,
18.5073

■ 178.6160, 15.9653,
12.6148

■ 193.3350, 8.7088,
6.7222

■ 208.0540, 1.4524,
0.8296

Harmonies

Analogous

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



81.9000, 85.3383, -71.8263



74.6970, 67.1974, 53.7627



77.8810, 28.1597, 114.9914

Triad

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



74.6970, 67.1974, 53.7627



84.7330, -41.7734, 51.9772



85.0150, 23.6566, -74.5582

Complementary

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



74.6970, 67.1974, 53.7627



153.3030, -67.1974, -53.7627

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.



73.5810, -15.0764, -64.5305



74.6970, 67.1974, 53.7627



79.6300, -39.2576, -8.4455

Square

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



74.6970, 67.1974, 53.7627



58.6040, -28.8918, 120.4963



65.7440, -32.4118, -57.6575



94.3800, 57.0007, -82.7713

Rectangle

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



74.6970, 67.1974, 53.7627



76.2100, 2.3615, 129.6118



65.7440, -32.4118, -57.6575



81.7090, 10.9895, -71.6588

Sweetspot

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



74.6970, 67.1974, 53.7627



204.9510, 24.6742, 19.3370



84.9020, 62.1663, -59.5501



97.0890, 15.2391, 12.1999



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.



74.6970, 67.1974, 53.7627



75.7140, 88.3880, 70.4108



94.9560, 47.8427, 101.7706



97.3470, 3.7729, 3.2037



49.9490, 58.1991, 46.5257



12.1490, 14.2235, 11.2703

Inverse Universe

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



83.5560, 4.1629, 111.7684



87.5310, 5.6542, 146.8703



133.0440, -47.8427, -101.7706



97.7450, 0.1257, 6.3626



57.6420, 3.6275, 96.7840



14.0830, 0.9451, 23.6062

Previews

White Background



This preview shows how the YUV color 74.6970, 67.1974, 53.7627 looks on a white background.

Color Contrast Check

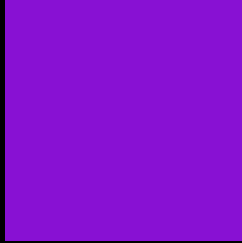
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.6970, 67.1974, 53.7627 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

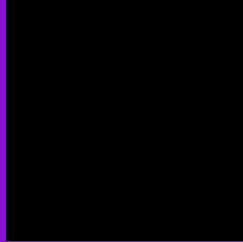
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 74.6970, 67.1974, 53.7627

Background



This preview shows how black text looks on a background with the YUV color 74.6970, 67.1974, 53.7627.



This preview shows how white text looks on a background with the YUV color 74.6970, 67.1974,

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

74.6970, 67.1974, 53.7627

Protanopia

72.8600, 55.7780, -63.8982

Deuteranopia

73.5320, 43.1217, -64.4876



Tritanopia

92.7680, -1.3646, 17.7435

Trichromacy



Original Color

74.6970, 67.1974, 53.7627



Protanomaly

73.2750, 60.0104, -21.2892



Deuteranomaly

73.7990, 51.8641, -21.7487



Tritanomaly

86.0880, 23.6206, 30.6178

Monochromacy



Original Color

74.6970, 67.1974, 53.7627



Achromatopsia

75.0000, 0.0000, 0.0000



Achromatomaly

74.8370, 24.2374, 19.4370

CSS Examples

Text

The CSS property to change the color of the text to YUV 74.6970, 67.1974, 53.7627 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(136, 17, 211)` looks like.

```
.text, #text, p{  
    color:rgb(136, 17, 211)  
}
```

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(136, 17, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 17, 211) }
```

Border

The CSS property to change the border of an element to YUV 74.6970, 67.1974, 53.7627 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(136, 17, 211) }
```


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

```
.border{ border-color:rgb(136, 17, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 17, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 17, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 17, 211);  
box-shadow:4px 4px 4px 4px rgb(136, 17,  
211) }
```

Background

The CSS property to change the background color of an element to YUV 74.6970, 67.1974, 53.7627 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 17, 211) }
```

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

```
.background{ background-color: rgb(136, 17,  
211) }
```

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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