

# Converting Colors

YUV(74.2190, 89.1250, 67.3369)

Have a look what the booklet for  
YUV(74.2190, 89.1250, 67.3369)  
contains.

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# Color

**YUV(74.2190, 89.1250,  
67.3369)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9700FF
RGB	151, 0, 255
RGB Percent	59%, 0%, 100%
CMY	0.4078, 1.0000, 0.0000
CMYK	0.41, 1.00, 0.00, 0.00
HSL	276°, 100%, 50%
HSV	276°, 100%, 100%
XYZ	30.8125, 13.7993, 95.6473
YIQ	74.2190, 8.1410, 111.3170

# Conversions

## Conversions Part 2

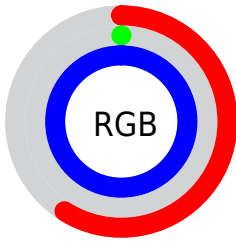
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 0, 255
Decimal	9896191
CIE <sub>Lab</sub>	43.94, 85.10, -88.19
CIE <sub>LCh</sub>	44, 122.556, 313.978
Yxy	13.7993, 0.2197, 0.0984
Android (android.graphics.Color)	4288086271 (0xFF9700FF)
YUV	74.2190, 89.1250, 67.3369
Hunter-Lab	37.1474, 83.0516, -126.6568

# Details

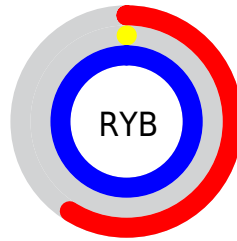
The YUV color **74.2190, 89.1250, 67.3369** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **180.7810, -89.1250, -67.3369**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.8260, 54.8088, 60.6656**, and **48.1720, 73.3722, 33.1752** is the 20% darker color. If you saturate the color by 10%, you get **74.2190, 89.1250, 67.3369**, and if you desaturate by 10%, it is **91.8840, 80.4162, 60.6147**.

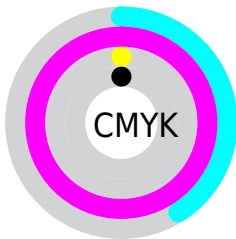
# Distribution



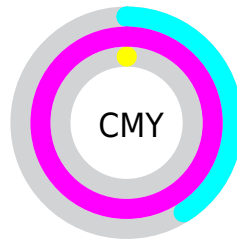
- Red (59%)
- Green (0%)
- Blue (100%)



- Red (59%)
- Yellow (0%)
- Blue (100%)



- Cyan (41%)
- Magenta (100%)
- Yellow (0%)
- Black (0%)




- Cyan (41%)
- Magenta (100%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 74.2190, 89.1250, 67.3369 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 74.2190, 89.1250, 67.3369 by changing the saturation by 10% instead.




 74.2190, 89.1250,  
67.3369


 74.2190, 89.1250,  
67.3369


255.0000, 0.0000,  
0.0000


 61.3450, 81.1749,  
50.5634


 143.8260, 54.8088,  
60.6656


 48.1720, 73.3722,  
33.1752


 171.0040, 41.4100,  
64.8945


 33.5040, 66.3065,  
12.7130


 191.0170, 31.5436,  
56.1131

 16.0740, 61.5885,  
-14.0969

 208.0400, 23.1513,  
41.1839

 12.9960, 49.7950,  
-11.3975

 225.6500, 14.4696,  
25.7400

 10.0320, 38.4382,  
-8.7981

 243.2600, 5.7878,

 11.4050, 25.9293,

10.2960

-10.0022

■ 6.4350, 17.0405,  
-5.6435

■ 2.7530, 8.0098,  
-2.4144

■ 74.2190, 89.1250,  
67.3369

■ 91.8840, 80.4162,  
60.6147

■ 110.4350, 71.2705,  
53.9925

■ 128.6870, 62.2723,  
46.7555

■ 146.6510, 53.4161,  
40.6481

■ 164.9030, 44.4178,  
33.4111

■ 182.5680, 35.7090,  
26.6889

■ 201.1190, 26.5633,  
20.0666

■ 218.7840, 17.8545,  
13.3444

■ 237.3350, 8.7088,  
6.7222

# Harmonies

## Analogous

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



91.2920, 80.7080, -80.0631



74.2190, 89.1250, 67.3369



92.1360, 34.9360, 134.9387

# Triad

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



74.2190, 89.1250, 67.3369



96.0290, -47.3423, 64.8726



97.6330, 26.3099, -85.6241

# Complementary

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



74.2190, 89.1250, 67.3369



180.7810, -89.1250, -67.3369

# 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.



83.2180, -21.3065, -72.9822



74.2190, 89.1250, 67.3369



91.7240, -45.2199, -9.4049

# Square

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



74.2190, 89.1250, 67.3369



69.6670, -34.3458, 143.2430



75.7230, -37.3314, -66.4091



110.4520, 67.8112, -96.8664



# Rectangle

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



74.2190, 89.1250, 67.3369



87.1890, 4.3438, 147.1702



75.7230, -37.3314, -66.4091



93.0560, 11.3114, -81.6101

# Sweetspot

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



74.2190, 89.1250, 67.3369



201.1190, 26.5633, 20.0666



91.2920, 80.7080, -80.0631



95.3170, 16.1127, 12.0000



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.



74.2190, 89.1250, 67.3369



102.9210, 64.6219, 133.3733



118.5750, 4.6465, 3.0037



55.5610, 66.7714, 50.3740



18.6580, 22.3536, 16.9629

# Inverse Universe

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



88.1010, 7.8382, 146.3704



152.0790, -64.6219, -133.3733



119.4570, 0.2677, 7.4922



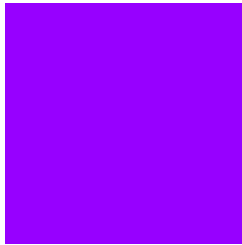
66.0010, 5.9155, 109.6241



22.1000, 1.9227, 36.7463

# Previews

## White Background



This preview shows how the YUV color 74.2190, 89.1250, 67.3369 looks on a white background.

## Color Contrast Check

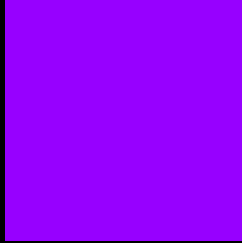
Large Text (above 18pt) WCAG AA ✓ Pass

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 74.2190, 89.1250, 67.3369 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

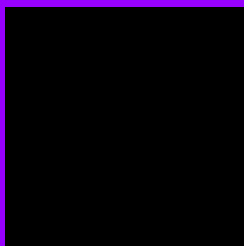
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 74.2190, 89.1250, 67.3369

## Background



This preview shows how black text looks on a background with the YUV color 74.2190, 89.1250, 67.3369.



This preview shows how white text looks on a background with the YUV color 74.2190, 89.1250,



67.3369.

# 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



### Protanopia

84.1560, 63.5201, -73.8048

### Deuteranopia

84.2580, 48.6798, -73.8943

### Tritanopia

106.4790, 0.2569, 10.9809

# Trichromacy



## Protanomaly

80.5920, 72.6721, -22.4442

## Deuteranomaly

80.7740, 63.2154, -22.6038

## Tritanomaly

95.0910, 32.4931, 31.4922

# Monochromacy



## Achromatopsia

74.0000, 0.0000, 0.0000

## Achromatomaly

74.0470, 32.5148, 24.5148

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 74.2190, 89.1250, 67.3369 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(151, 0, 255)` looks like.

```
.text, #text, p{  
    color:rgb(151, 0, 255)  
}
```

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(151, 0, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 0, 255) }
```

## Border

The CSS property to change the border of an element to YUV 74.2190, 89.1250, 67.3369 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(151, 0, 255) }
```

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

```
.border{ border-color:rgb(151, 0, 255) }
```

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

Here you see how a box with a 4 pixel rgb(151, 0, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 0, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 0, 255);  
box-shadow:4px 4px 4px 4px rgb(151, 0,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 74.2190, 89.1250, 67.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 0, 255) }
```

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

```
.background{ background-color: rgb(151, 0,  
255) }
```

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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