

# Converting Colors

YUV(73.0080, 85.7781, 67.5220)

Have a look what the booklet for  
YUV(73.0080, 85.7781, 67.5220)  
contains.

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# Color

**YUV(73.0080, 85.7781,  
67.5220)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9600F7
RGB	150, 0, 247
RGB Percent	59%, 0%, 97%
CMY	0.4118, 1.0000, 0.0314
CMYK	0.39, 1.00, 0.00, 0.03
HSL	276°, 100%, 48%
HSV	276°, 100%, 97%
XYZ	29.3662, 13.1994, 88.9957
YIQ	73.0080, 10.1130, 108.6170

# Conversions

## Conversions Part 2

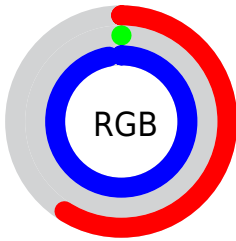
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 0, 247
Decimal	9830647
CIE <sub>Lab</sub>	43.06, 83.44, -85.16
CIE <sub>LCh</sub>	43, 119.227, 314.414
Yxy	13.1994, 0.2232, 0.1003
Android (android.graphics.Color)	4288020727 (0xFF9600F7)
YUV	73.0080, 85.7781, 67.5220
Hunter-Lab	36.3310, 80.7013, -119.8038

# Details

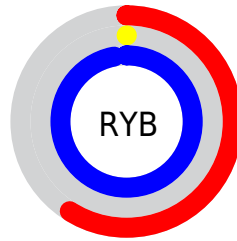
The YUV color **73.0080, 85.7781, 67.5220** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **173.9920, -85.7781, -67.5220**, and the grayscale version is **72.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **142.9400, 55.2456, 60.5656**, and **47.2600, 69.8778, 33.9750** is the 20% darker color. If you saturate the color by 10%, you get **73.0080, 85.7781, 67.5220**, and if you desaturate by 10%, it is **90.6730, 77.0692, 60.7998**.

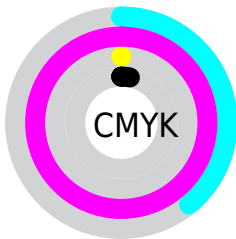
# Distribution



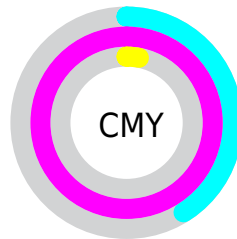
- Red (59%)
- Green (0%)
- Blue (97%)



- Red (59%)
- Yellow (0%)
- Blue (97%)



- Cyan (39%)
- Magenta (100%)
- Yellow (0%)
- Black (3%)



- Cyan (41%)
- Magenta (100%)
- Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 73.0080, 85.7781, 67.5220 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 73.0080, 85.7781, 67.5220 by changing the saturation by 10% instead.



73.0080, 85.7781,  
67.5220

73.0080, 85.7781,  
67.5220

255.0000, 0.0000,  
0.0000

60.4330, 77.6805,  
51.3633

142.9400, 55.2456,  
60.5656

47.2600, 69.8778,  
33.9750

169.8190, 41.9942,  
64.1797

33.3040, 62.9541,  
14.6424

190.4300, 31.8330,  
56.6279

15.2760, 58.5309,  
-13.3971

207.4530, 23.4407,  
41.6987

12.1980, 46.7374,  
-10.6976

225.0630, 14.7589,  
26.2547

11.1090, 34.9493,  
-9.7426

242.6730, 6.0772,

9.5470, 23.8873,

10.8108

-8.3727

■ 5.1640, 14.7091,  
-4.5288

■ 1.1400, 4.3680,  
-0.9998

■ 73.0080, 85.7781,  
67.5220

■ 90.6730, 77.0692,  
60.7998

■ 107.4520, 68.7972,  
53.9776

■ 125.1170, 60.0883,  
47.2554

■ 142.7820, 51.3795,  
40.5332

■ 160.4470, 42.6706,  
33.8110

■ 177.2260, 34.3986,  
26.9888

■ 194.8910, 25.6897,  
20.2666

■ 212.5560, 16.9809,  
13.5444

■ 229.3350, 8.7088,  
6.7222

# Harmonies

## Analogous

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



89.5310, 81.5762, -78.5187



73.0080, 85.7781, 67.5220



90.0710, 33.4890, 132.3647

# Triad

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



73.0080, 85.7781, 67.5220



94.5340, -46.6053, 61.7987



96.2310, 26.0151, -84.3946

# Complementary

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



73.0080, 85.7781, 67.5220



173.9920, -85.7781, -67.5220

# 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.



82.2720, -19.8541, -72.1525



73.0080, 85.7781, 67.5220



89.9520, -44.3463, -9.6049

# Square

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



73.0080, 85.7781, 67.5220



67.5740, -33.3140, 138.9396



74.5490, -36.7527, -65.3795



107.4200, 66.3479, -94.2073



# Rectangle

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



73.0080, 85.7781, 67.5220



86.8470, 3.0334, 147.4702



74.5490, -36.7527, -65.3795



91.7680, 11.4534, -80.4805

# Sweetspot

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



73.0080, 85.7781, 67.5220



201.4180, 26.4159, 20.6814



86.2710, 79.2394, -75.6597



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.



73.0080, 85.7781, 67.5220



75.4150, 88.5354, 69.7960



99.1610, 60.5596, 129.6548



113.7600, 4.0623, 3.7185



54.9910, 64.5874, 50.8739



17.4900, 20.4644, 16.2333



# Inverse Universe

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



84.9110, 5.9599, 142.1521



87.6450, 6.0910, 146.7703



147.8390, -60.5596, -129.6548



114.1580, 0.4151, 6.8774



63.9360, 4.4686, 107.0501



20.2630, 1.3493, 33.9723



# Previews

## White Background



This preview shows how the YUV color 73.0080, 85.7781, 67.5220 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

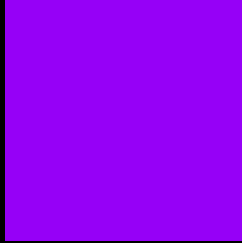
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 73.0080, 85.7781, 67.5220 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 73.0080, 85.7781, 67.5220

## Background



This preview shows how black text looks on a background with the YUV color 73.0080, 85.7781, 67.5220.



This preview shows how white text looks on a background with the YUV color 73.0080, 85.7781,



# 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

82.5260, 62.3517, -72.3753

### Deuteranopia

82.7420, 47.9482, -72.5647

### Tritanopia

104.0880, -0.0434, 13.9548

# Trichromacy



## Protanomaly

79.4350, 70.7775, -21.4295

## Deuteranomaly

79.0300, 61.6102, -21.0743

## Tritanomaly

92.7600, 31.1773, 33.5365

# Monochromacy



## Achromatopsia

73.0000, 0.0000, 0.0000

## Achromatomaly

72.7050, 31.2044, 24.8147

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 73.0080, 85.7781, 67.5220 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(150, 0, 247)` looks like.

```
.text, #text, p{  
    color:rgb(150, 0, 247)  
}
```

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(150, 0, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 0, 247) }
```

## Border

The CSS property to change the border of an element to YUV 73.0080, 85.7781, 67.5220 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(150, 0, 247) }
```

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

```
.border{ border-color:rgb(150, 0, 247) }
```

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

Here you see how a box with a 4 pixel rgb(150, 0, 247) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 0, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 0, 247);  
box-shadow:4px 4px 4px 4px rgb(150, 0,  
247) }
```



# Background

The CSS property to change the background color of an element to YUV 73.0080, 85.7781, 67.5220 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 0, 247) }
```

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

```
.background{ background-color: rgb(150, 0,  
247) }
```

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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