

# Converting Colors

YUV(75.2730, 33.3894, 70.7976)

Have a look what the booklet for  
YUV(75.2730, 33.3894, 70.7976)  
contains.

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# Color

**YUV(75.2730, 33.3894,  
70.7976)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9C158F
RGB	156, 21, 143
RGB Percent	61%, 8%, 56%
CMY	0.3882, 0.9176, 0.4392
CMYK	0.00, 0.87, 0.08, 0.39
HSL	306°, 76%, 35%
HSV	306°, 87%, 61%
XYZ	18.9364, 9.5874, 26.8391
YIQ	75.2730, 41.2980, 66.5620

# Conversions

## Conversions Part 2

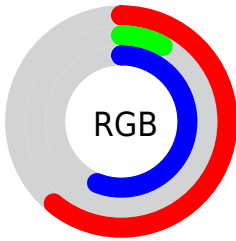
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	156, 21, 143
Decimal	10229135
CIE <sub>Lab</sub>	37.09, 63.18, -33.86
CIE <sub>LCh</sub>	37, 71.687, 331.811
Yxy	9.5874, 0.3420, 0.1732
Android (android.graphics.Color)	4288419215 (0xFF9C158F)
YUV	75.2730, 33.3894, 70.7976
Hunter-Lab	30.9636, 54.9791, -29.7179

# Details

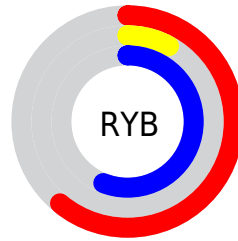
The YUV color **75.2730, 33.3894, 70.7976** is a dark color, and the websafe version is hex **990099**. A complement of this color would be **101.7270, -33.3894, -70.7976**, and the grayscale version is **75.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.9260, 29.6165, 67.5939**, and **40.3880, 25.4447, 52.2797** is the 20% darker color. If you saturate the color by 10%, you get **65.6530, 37.1461, 79.2343**, and if you desaturate by 10%, it is **84.8930, 29.6328, 62.3608**.

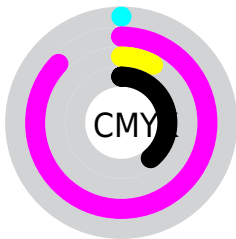
# Distribution



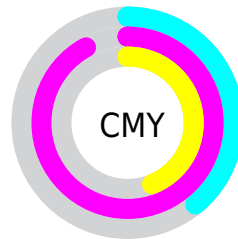
- Red (61%)
- Green (8%)
- Blue (56%)



- Red (61%)
- Yellow (8%)
- Blue (56%)



- Cyan (0%)
- Magenta (87%)
- Yellow (8%)
- Black (39%)




- Cyan (39%)
- Magenta (92%)
- Yellow (44%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 75.2730, 33.3894, 70.7976 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 75.2730, 33.3894, 70.7976 by changing the saturation by 10% instead.





 75.2730, 33.3894,  
70.7976


 75.2730, 33.3894,  
70.7976


255.0000, 0.0000,  
0.0000


 51.6100, 32.2373,  
66.9940


 136.9260, 29.6165,  
67.5939


 40.3880, 25.4447,  
52.2797


 165.5240, 29.3217,  
68.8235


 29.5790, 18.9416,  
38.0802

 189.1420, 31.9750,  
57.7575

 19.4820, 12.5804,  
25.0103

 205.6920, 24.3088,  
43.2431

 4.4160, 9.1619,  
1.3892

 222.7150, 15.9165,  
28.3139

 0.0000, 0.0000,  
0.0000

 239.7380, 7.5242,

13.3848

■ 75.2730, 33.3894,  
70.7976

■ 75.2730, 33.3894,  
70.7976

■ 65.6530, 37.1461,  
79.2343

■ 84.8930, 29.6328,  
62.3608

■ 62.7180, 38.5930,  
81.8083

■ 93.8120, 25.7287,  
54.5389

■ 103.4320, 21.9720,  
46.1021

■ 112.3510, 18.0680,  
38.2802

■ 121.9710, 14.3113,  
29.8434

■ 131.4770, 10.1178,  
21.5067

■ 140.5100, 6.6506,  
13.5847

■ 150.0160, 2.4571,  
5.2480

■ 159.0490, -1.0102,  
-2.6740

# Harmonies

## Analogous

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



85.7410, 49.9207, -5.0349



75.2730, 33.3894, 70.7976



64.6350, 11.0259, 103.8061

# Triad

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



75.2730, 33.3894, 70.7976



81.5780, -40.2180, 19.6641



81.3280, 32.3763, -71.3247

# Complementary

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



75.2730, 33.3894, 70.7976



101.7270, -33.3894, -70.7976

# 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.



74.7160, 7.0420, -65.5259



75.2730, 33.3894, 70.7976



71.2580, -35.1302, -25.6593

# Square

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



75.2730, 33.3894, 70.7976



80.3580, -39.6165, 60.1990



65.6590, -20.0449, -57.5829



84.4690, 52.0268, -74.0793



# Rectangle

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



75.2730, 33.3894, 70.7976



60.0040, -5.4250, 106.9905



65.6590, -20.0449, -57.5829



79.8630, 24.2245, -70.0399

# Sweetspot

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



75.2730, 33.3894, 70.7976



172.3190, 13.1537, 27.7842



39.6790, 57.3463, -6.7345



82.8740, 7.9501, 16.7735



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.2730, 33.3894, 70.7976



81.9720, 50.2998, 107.0186



67.7490, 4.5607, 77.3961



74.1900, 1.8783, 4.2184



57.4630, 35.2677, 75.0159



6.0810, 3.9041, 7.8220



# Inverse Universe

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



75.2730, 33.3894, 70.7976



81.9720, 50.2998, 107.0186



109.2510, -4.5607, -77.3961



74.1900, 1.8783, 4.2184



57.4630, 35.2677, 75.0159



6.0810, 3.9041, 7.8220



# Previews

## White Background



This preview shows how the YUV color 75.2730, 33.3894, 70.7976 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



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

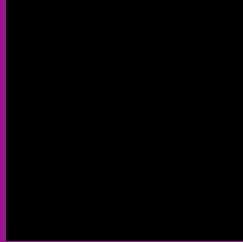
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 75.2730, 33.3894, 70.7976

## Background



This preview shows how black text looks on a background with the YUV color 75.2730, 33.3894, 70.7976.



This preview shows how white text looks on a background with the YUV color 75.2730, 33.3894,



# 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

75.2730, 33.3894, 70.7976

### Protanopia

71.2300, 54.6096, -62.4687

### Deuteranopia

87.6660, 23.3357, -18.1241



## Tritanopia

85.9530, -11.8088, 54.4152

# Trichromacy



## Original Color

75.2730, 33.3894, 70.7976



## Protanomaly

72.5890, 47.0376, -13.6716



## Deuteranomaly

82.9010, 27.1638, 14.1188



## Tritanomaly

81.9380, 4.4676, 60.5674

# Monochromacy



## Original Color

75.2730, 33.3894, 70.7976



## Achromatopsia

75.0000, 0.0000, 0.0000



## Achromatomaly

74.7810, 12.4330, 25.6251

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 75.2730, 33.3894, 70.7976 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(156, 21, 143)` looks like.

```
.text, #text, p{  
    color:rgb(156, 21, 143)  
}
```

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(156, 21, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 21, 143) }
```

## Border

The CSS property to change the border of an element to YUV 75.2730, 33.3894, 70.7976 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(156, 21, 143) }
```



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

```
.border{ border-color:rgb(156, 21, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(156, 21, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(156, 21, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(156, 21, 143); box-shadow:4px 4px 4px 4px rgb(156, 21, 143) }
```

# Background

The CSS property to change the background color of an element to YUV 75.2730, 33.3894, 70.7976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 21, 143) }
```

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

```
.background{ background-color: rgb(156, 21,  
143) }
```

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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