

# Converting Colors

YUV(71.3410, 60.4709, 64.5989)

Have a look what the booklet for  
YUV(71.3410, 60.4709, 64.5989)  
contains.

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# Color

**YUV(71.3410, 60.4709,  
64.5989)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	910AC2
RGB	145, 10, 194
RGB Percent	57%, 4%, 76%
CMY	0.4314, 0.9608, 0.2392
CMYK	0.25, 0.95, 0.00, 0.24
HSL	284°, 90%, 40%
HSV	284°, 95%, 76%
XYZ	21.5232, 10.1319, 51.8602
YIQ	71.3410, 21.3960, 85.8440

# Conversions

## Conversions Part 2

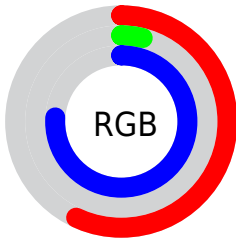
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	145, 10, 194
Decimal	9505474
CIE Lab	38.08, 71.67, -62.95
CIE LCh	38, 95.389, 318.703
Yxy	10.1319, 0.2577, 0.1213
Android (android.graphics.Color)	4287695554 (0xFF910AC2)
YUV	71.3410, 60.4709, 64.5989
Hunter-Lab	31.8306, 64.9945, -74.3172

# Details

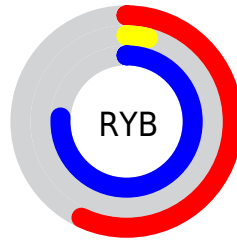
The YUV color **71.3410, 60.4709, 64.5989** is a dark color, and the websafe version is hex **9900CC**. The color can be described as dark washed purple. A complement of this color would be **132.6590, -60.4709, -64.5989**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **138.4450, 55.9826, 57.4917**, and **41.8590, 47.8905, 39.5887** is the 20% darker color. If you saturate the color by 10%, you get **64.5740, 63.8070, 67.9026**, and if you desaturate by 10%, it is **83.9890, 54.2354, 57.8916**.

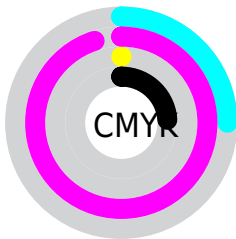
# Distribution



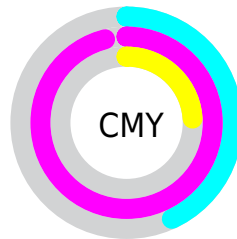
- Red (57%)
- Green (4%)
- Blue (76%)



- Red (57%)
- Yellow (4%)
- Blue (76%)



- Cyan (25%)
- Magenta (95%)
- Yellow (0%)
- Black (24%)




- Cyan (43%)
- Magenta (96%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 71.3410, 60.4709, 64.5989 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 71.3410, 60.4709, 64.5989 by changing the saturation by 10% instead.




 71.3410, 60.4709,  
64.5989

 71.3410, 60.4709,  
64.5989


255.0000, 0.0000,  
0.0000


 53.6080, 55.4093,  
54.7178


 138.4450, 55.9826,  
57.4917


 41.8590, 47.8905,  
39.5887

 164.7800, 44.4785,  
60.7059


 30.2240, 40.8086,  
24.3596


 188.0820, 32.9906,  
58.6871


 18.7030, 34.1634,  
9.0305

 204.5180, 24.8876,  
44.2727

 7.1820, 27.5183,  
-6.2986

 221.5410, 16.4953,  
29.3435

 6.3210, 16.6037,  
-5.5435

 239.1510, 7.8136,

 2.6390, 7.5730,

13.8996

-2.3144

■ 0.0000, 0.0000,  
0.0000

■ 71.3410, 60.4709,  
64.5989

■ 71.3410, 60.4709,  
64.5989

■ 64.5740, 63.8070,  
67.9026

■ 83.9890, 54.2354,  
57.8916

■ 97.2240, 47.7106,  
50.6696

■ 109.8720, 41.4751,  
43.9623

■ 123.4060, 34.8028,  
37.3549

■ 136.0540, 28.5674,  
30.6476

■ 148.7020, 22.3319,  
23.9403

■ 161.9370, 15.8071,  
16.7183

■ 174.5850, 9.5716,  
10.0110

■ 187.8200, 3.0467,  
2.7889

# Harmonies

## Analogous

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



77.3690, 80.6701, -67.8526



71.3410, 60.4709, 64.5989



75.2030, 23.0709, 113.8320

# Triad

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



71.3410, 60.4709, 64.5989



84.6780, -41.7463, 43.2554



84.4110, 26.4194, -74.0284

# Complementary

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



71.3410, 60.4709, 64.5989



132.6590, -60.4709, -64.5989

# 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.



73.8890, -8.8193, -64.8007



71.3410, 60.4709, 64.5989



77.8250, -38.3677, -13.8785

# Square

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



71.3410, 60.4709, 64.5989



55.3150, -27.2703, 113.7337



65.1570, -32.1224, -57.1427



92.2770, 56.5584, -80.9269



# Rectangle

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



71.3410, 60.4709, 64.5989



72.1940, -0.0956, 124.3639



65.1570, -32.1224, -57.1427



81.3330, 14.6258, -71.3290

# Sweetspot

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



71.3410, 60.4709, 64.5989



205.5280, 22.9107, 24.9699



59.7390, 66.1907, -43.6211



98.5840, 14.5021, 15.2738



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.



71.3410, 60.4709, 64.5989



84.0430, 82.8028, 88.5393



81.0900, 34.4656, 99.0221



90.2330, 3.3361, 3.3037



53.6360, 52.9305, 56.4472



10.9380, 10.8766, 11.4554



# Inverse Universe

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



70.6020, -5.7198, 108.2200



82.9860, -7.8811, 148.2253



122.9100, -34.4656, -99.0221



90.3320, -0.1637, 5.8478



53.0410, -4.9502, 94.6800

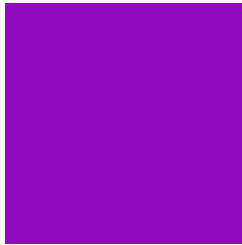


10.8930, -0.9332, 19.3878



# Previews

## White Background



This preview shows how the YUV color 71.3410, 60.4709, 64.5989 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

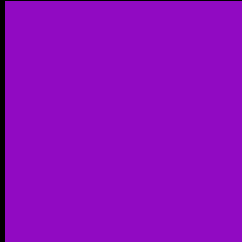
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 71.3410, 60.4709, 64.5989 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

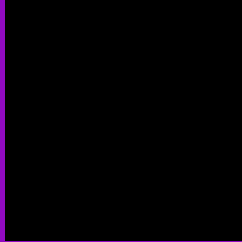
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 71.3410, 60.4709, 64.5989

## Background



This preview shows how black text looks on a background with the YUV color 71.3410, 60.4709, 64.5989.



This preview shows how white text looks on a background with the YUV color 71.3410, 60.4709,



# 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

71.3410, 60.4709, 64.5989

### Protanopia

72.8600, 55.7780, -63.8982

### Deuteranopia

73.0590, 43.8479, -64.0727



## Tritanopia

91.9330, -4.8970, 30.7538

# Trichromacy



## Original Color

71.3410, 60.4709, 64.5989

## Protanomaly

72.6130, 57.3788, -17.2006

## Deuteranomaly

72.6640, 49.9586, -17.2453

## Tritanomaly

84.6120, 18.9253, 43.3133

# Monochromacy



## Original Color

71.3410, 60.4709, 64.5989

## Achromatopsia

71.0000, 0.0000, 0.0000

## Achromatomaly

71.2890, 22.0425, 23.4255

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 71.3410, 60.4709, 64.5989 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(145, 10, 194)` looks like.

```
.text, #text, p{  
    color:rgb(145, 10, 194)  
}
```

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(145, 10, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 10, 194) }
```

## Border

The CSS property to change the border of an element to YUV 71.3410, 60.4709, 64.5989 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(145, 10, 194) }
```



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

```
.border{ border-color:rgb(145, 10, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 10, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 10, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 10, 194);  
box-shadow:4px 4px 4px 4px rgb(145, 10,  
194) }
```

# Background

The CSS property to change the background color of an element to YUV 71.3410, 60.4709, 64.5989 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 10, 194) }
```

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

```
.background{ background-color: rgb(145, 10,  
194) }
```

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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