

# Converting Colors

YUV(71.4040, 38.2548, 96.9927)

Have a look what the booklet for  
YUV(71.4040, 38.2548, 96.9927)  
contains.

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# Color

**YUV(71.4040, 38.2548,  
96.9927)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B60095
RGB	182, 0, 149
RGB Percent	71%, 0%, 58%
CMY	0.2863, 1.0000, 0.4157
CMYK	0.00, 1.00, 0.18, 0.29
HSL	311°, 100%, 36%
HSV	311°, 100%, 71%
XYZ	24.7162, 12.1150, 29.4695
YIQ	71.4040, 60.6430, 84.9230

# Conversions

## Conversions Part 2

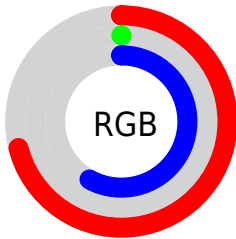
<b>Format</b>	<b>Color</b>
<b>RYB</b>	182, 0, 149
Decimal	11927701
CIELab	41.40, 71.74, -30.41
CIELCh	41, 77.914, 337.029
Yxy	12.1150, 0.3728, 0.1827
Android (android.graphics.Color)	4290117781 (0xFFB60095)
YUV	71.4040, 38.2548, 96.9927
Hunter-Lab	34.8066, 65.8414, -25.8341

# Details

The YUV color **71.4040, 38.2548, 96.9927** is a dark color, and the websafe version is hex **CC0099**. A complement of this color would be **110.5960, -38.2548, -96.9927**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.3950, 28.3993, 84.7226**, and **48.2480, 24.5277, 66.4345** is the 20% darker color. If you saturate the color by 10%, you get **71.4040, 38.2548, 96.9927**, and if you desaturate by 10%, it is **82.3120, 34.3562, 87.4264**.

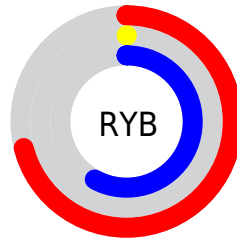
# Distribution



Red (71%)

Green (0%)

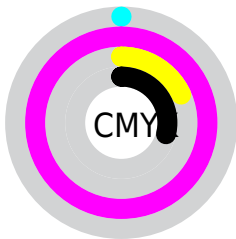
Blue (58%)



Red (71%)

Yellow (0%)

Blue (58%)

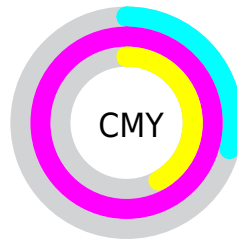


Cyan (0%)

Magenta (100%)

Yellow (18%)

Black (29%)



Cyan (29%)

Magenta (100%)


Yellow (42%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 71.4040, 38.2548, 96.9927 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 71.4040, 38.2548, 96.9927 by changing the saturation by 10% instead.





 71.4040, 38.2548,  
96.9927


 71.4040, 38.2548,  
96.9927


255.0000, 0.0000,  
0.0000

 59.7690, 31.1729,  
81.7636


 145.3950, 28.3993,  
84.7226


 48.2480, 24.5277,  
66.4345

 170.1980, 30.4684,  
74.3714


 37.1400, 18.1720,  
51.6202

 189.8430, 32.1224,  
57.1427

 26.7440, 11.9582,  
37.9355

 206.8660, 23.7301,  
42.2135

 15.5650, 6.6235,  
22.3065

 224.4760, 15.0483,  
26.7695

 0.0000, 0.0000,  
0.0000

 241.4990, 6.6560,

11.8404

■ 71.4040, 38.2548,  
96.9927

■ 82.3120, 34.3562,  
87.4264

■ 93.3340, 30.8943,  
77.7601

■ 104.8290, 26.7063,  
67.6790

■ 115.7370, 22.8077,  
58.1127

■ 126.6450, 18.9090,  
48.5463

■ 137.6670, 15.4472,  
38.8800

■ 148.5750, 11.5485,  
29.3137

■ 160.0700, 7.3605,  
19.2326

■ 171.0920, 3.8986,  
9.5663

# Harmonies

## Analogous

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



97.8940, 51.3243, 11.4940



71.4040, 38.2548, 96.9927



71.0990, 7.3462, 117.4312

# Triad

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



71.4040, 38.2548, 96.9927



90.3940, -44.5642, 13.6865



92.0370, 40.4078, -80.7164

# Complementary

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



71.4040, 38.2548, 96.9927



110.5960, -38.2548, -96.9927

# 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.



84.9690, 13.3263, -74.5178



71.4040, 38.2548, 96.9927



74.0940, -36.5283, -43.9324

# Square

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



71.4040, 38.2548, 96.9927



90.6800, -44.7052, 59.0396



75.3420, -15.9446, -66.0749



94.0040, 60.6370, -82.4415



# Rectangle

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



71.4040, 38.2548, 96.9927



64.8160, -10.2623, 118.5564



75.3420, -15.9446, -66.0749



89.8710, 32.1086, -78.8169

# Sweetspot

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



71.4040, 38.2548, 96.9927



193.8410, 14.8684, 37.8504



29.7180, 75.0750, 0.2473



93.8470, 8.9494, 22.9362



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



71.4040, 38.2548, 96.9927



92.9790, 49.8034, 126.3064



61.3720, -0.1834, 105.7908



86.4890, 1.7309, 4.8331



61.1220, 32.4779, 83.2080



10.9940, 5.9190, 14.9143



# Inverse Universe

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



71.4040, 38.2548, 96.9927



92.9790, 49.8034, 126.3064



120.6280, 0.1834, -105.7908



86.4890, 1.7309, 4.8331



61.1220, 32.4779, 83.2080



10.9940, 5.9190, 14.9143



# Previews

## White Background



This preview shows how the YUV color 71.4040, 38.2548, 96.9927 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 71.4040, 38.2548, 96.9927 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

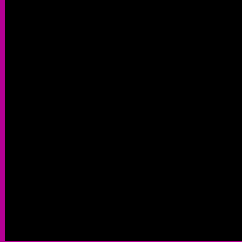
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 71.4040, 38.2548, 96.9927

## Background



This preview shows how black text looks on a background with the YUV color 71.4040, 38.2548, 96.9927.



This preview shows how white text looks on a background with the YUV color 71.4040, 38.2548,



# 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

79.7220, 61.7621, -69.9162

### Deuteranopia

100.0860, 19.6776, -11.4764

### Tritanopia

94.0260, -15.7888, 71.0142

# Trichromacy



## Protanomaly

76.6310, 53.4259, -9.3234

## Deuteranomaly

89.7610, 26.2468, 28.2736

## Tritanomaly

86.2440, 3.8237, 80.4700

# Monochromacy



## Achromatopsia

71.0000, 0.0000, 0.0000

## Achromatomaly

70.8900, 13.8582, 35.1765

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 71.4040, 38.2548, 96.9927 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(182, 0, 149)` looks like.

```
.text, #text, p{  
    color:rgb(182, 0, 149)  
}
```

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(182, 0, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 0, 149) }
```

## Border

The CSS property to change the border of an element to YUV 71.4040, 38.2548, 96.9927 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(182, 0, 149) }
```

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

```
.border{ border-color:rgb(182, 0, 149) }
```

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

Here you see how a box with a 4 pixel rgb(182, 0, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 0, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 0, 149);  
box-shadow:4px 4px 4px 4px rgb(182, 0,  
149) }
```



# Background

The CSS property to change the background color of an element to YUV 71.4040, 38.2548, 96.9927 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 0, 149) }
```

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

```
.background{ background-color: rgb(182, 0,  
149) }
```

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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