

# Converting Colors

YUV(41.3970, 15.0873, 61.0418)

Have a look what the booklet for  
YUV(41.3970, 15.0873, 61.0418)  
contains.

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# Color

**YUV(41.3970, 15.0873,  
61.0418)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6F0048
RGB	111, 0, 72
RGB Percent	44%, 0%, 28%
CMY	0.5647, 1.0000, 0.7176
CMYK	0.00, 1.00, 0.35, 0.56
HSL	321°, 100%, 22%
HSV	321°, 100%, 44%
XYZ	7.7252, 3.8474, 6.4663
YIQ	41.3970, 43.0440, 45.9240

# Conversions

## Conversions Part 2

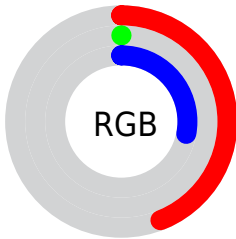
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	111, 0, 72
Decimal	7274568
CIE <sub>Lab</sub>	23.16, 47.79, -10.51
CIE <sub>LCh</sub>	23, 48.933, 347.594
Yxy	3.8474, 0.4283, 0.2133
Android (android.graphics.Color)	4285464648 (0xFF6F0048)
YUV	41.3970, 15.0873, 61.0418
Hunter-Lab	19.6148, 35.9761, -5.8156

# Details

The YUV color **41.3970, 15.0873, 61.0418** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **69.6030, -15.0873, -61.0418**, and the grayscale version is **41.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.5830, 9.5726, 56.4937**, and **20.9470, 3.9701, 33.3725** is the 20% darker color. If you saturate the color by 10%, you get **41.3970, 15.0873, 61.0418**, and if you desaturate by 10%, it is **48.3100, 13.6512, 54.9791**.

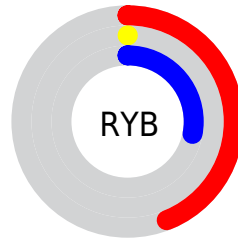
# Distribution



Red (44%)

Green (0%)

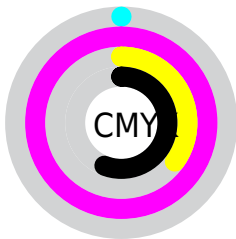
Blue (28%)



Red (44%)

Yellow (0%)

Blue (28%)

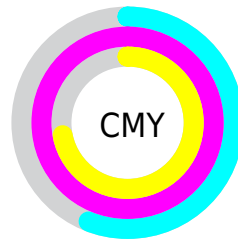


Cyan (0%)

Magenta (100%)

Yellow (35%)

Black (56%)



Cyan (56%)

Magenta (100%)

Yellow (72%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 41.3970, 15.0873, 61.0418 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 41.3970, 15.0873, 61.0418 by changing the saturation by 10% instead.



41.3970, 15.0873,  
61.0418

41.3970, 15.0873,  
61.0418

255.0000, 0.0000,  
0.0000

30.7020, 9.0209,  
46.7423

101.5830, 9.5726,  
56.4937

20.9470, 3.9701,  
33.3725

128.3660, 8.6936,  
58.4380

9.6820, -4.2802,  
19.5729

155.9640, 8.3987,  
59.6676

0.0000, 0.0000,  
0.0000

183.8610, 7.9565,  
61.5119

203.2010, 12.2259,  
45.4277

223.3020, 15.6271,

27.7991

■ 239.7380, 7.5242,  
13.3848

■ 41.3970, 15.0873,  
61.0418

■ 48.3100, 13.6512,  
54.9791

■ 55.2230, 12.2151,  
48.9164

■ 62.1360, 10.7790,  
42.8537

■ 69.0490, 9.3428,  
36.7910

■ 76.5490, 7.6173,  
30.2135

■ 83.3480, 5.7444,  
24.2508

■ 90.2610, 4.3083,  
18.1881

■ 97.1740, 2.8722,  
12.1254

■ 104.0870, 1.4361,  
6.0627

# Harmonies

## Analogous

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



55.2720, 24.5159, 23.4405



41.3970, 15.0873, 61.0418



39.0870, -1.5219, 68.3297

# Triad

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



41.3970, 15.0873, 61.0418



49.8710, -24.5864, -0.7639



52.9290, 27.6430, -46.4187

# Complementary

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



41.3970, 15.0873, 61.0418



69.6030, -15.0873, -61.0418

# 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.



49.7540, 12.9393, -43.6343



41.3970, 15.0873, 61.0418



38.7420, -19.0998, -33.9767

# Square

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



41.3970, 15.0873, 61.0418



52.3950, -25.8307, 25.0866



44.8350, -3.3697, -39.3203



52.1600, 37.3891, -45.7443



# Rectangle

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



41.3970, 15.0873, 61.0418



45.5960, -17.0558, 57.3593



44.8350, -3.3697, -39.3203



52.3760, 22.9856, -45.9338

# Sweetspot

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



41.3970, 15.0873, 61.0418



118.0490, 5.8918, 23.6360



24.3150, 42.7357, 12.8787



57.1250, 3.8824, 14.7994



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



41.3970, 15.0873, 61.0418



54.0710, 19.6850, 79.7447



35.1270, -8.9366, 66.5406



52.2500, 0.8628, 3.2888



44.7720, 16.3814, 65.9750



92.0930, 33.4782, 135.8534



# Inverse Universe

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



41.3970, 15.0873, 61.0418



54.0710, 19.6850, 79.7447



75.8730, 8.9366, -66.5406



52.2500, 0.8628, 3.2888



44.7720, 16.3814, 65.9750

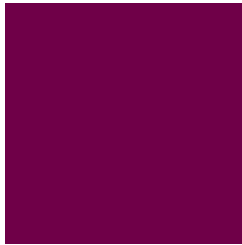


92.0930, 33.4782, 135.8534



# Previews

## White Background



This preview shows how the YUV color 41.3970, 15.0873, 61.0418 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

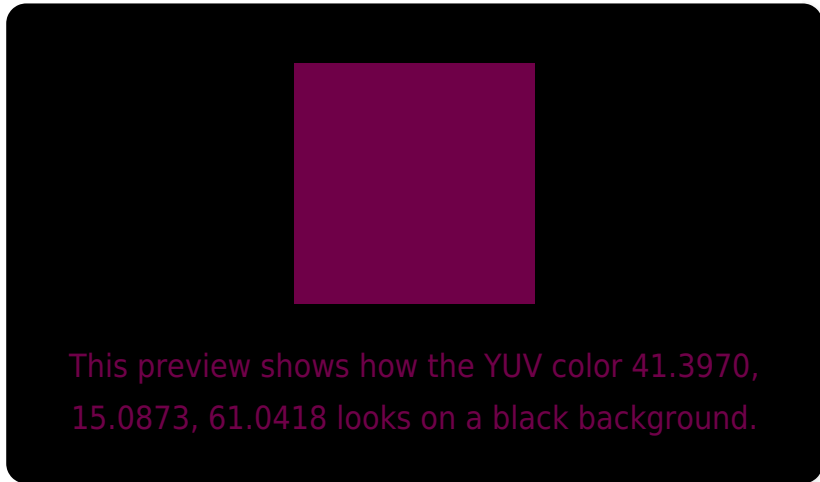
Any Text WCAG AA ✓ Pass

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

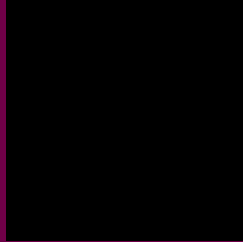
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 41.3970, 15.0873, 61.0418

## Background



This preview shows how black text looks on a background with the YUV color 41.3970, 15.0873, 61.0418.



This preview shows how white text looks on a background with the YUV color 41.3970, 15.0873,



# 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

41.3970, 15.0873, 61.0418

### Protanopia

57.4490, 22.4566, -16.1798

### Deuteranopia

59.9230, 3.4890, 0.9445



## Tritanopia

52.0340, -11.3558, 49.0822

# Trichromacy



## Original Color

41.3970, 15.0873, 61.0418

## Protanomaly

51.6420, 19.8965, 11.7150

## Deuteranomaly

53.2060, 7.7864, 22.6213

## Tritanomaly

48.2870, -1.6205, 53.2453

# Monochromacy



## Original Color

41.3970, 15.0873, 61.0418

## Achromatopsia

41.0000, 0.0000, 0.0000

## Achromatomaly

40.9240, 5.4605, 21.9917

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 41.3970, 15.0873, 61.0418 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(111, 0, 72)` looks like.

```
.text, #text, p{  
    color:rgb(111, 0, 72)  
}
```

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(111, 0, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 0, 72) }
```

## Border

The CSS property to change the border of an element to YUV 41.3970, 15.0873, 61.0418 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(111, 0, 72) }
```



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

```
.border{ border-color:rgb(111, 0, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 0, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 0, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 0, 72);  
box-shadow:4px 4px 4px 4px rgb(111, 0, 72)  
}
```

# Background

The CSS property to change the background color of an element to YUV 41.3970, 15.0873, 61.0418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 0, 72) }
```

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

```
.background{ background-color: rgb(111, 0,  
72) }
```

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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