

Converting Colors

YUV(76.5050, 11.0900, 36.3911)

Have a look what the booklet for
YUV(76.5050, 11.0900, 36.3911)
contains.

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Color

**YUV(76.5050, 11.0900,
36.3911)**

Conversions

Conversions Part 1

Format	Color
Hex	763363
RGB	118, 51, 99
RGB Percent	46%, 20%, 39%
CMY	0.5373, 0.8000, 0.6118
CMYK	0.00, 0.57, 0.16, 0.54
HSL	317°, 40%, 33%
HSV	317°, 57%, 46%
XYZ	10.9072, 7.1201, 12.6038
YIQ	76.5050, 24.5240, 29.1320

Conversions

Conversions Part 2

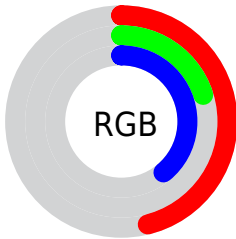
Format	Color
R_{YB}	118, 51, 99
Decimal	7746403
CIE _{Lab}	32.08, 35.74, -14.58
CIE _{LCh}	32, 38.598, 337.811
Yxy	7.1201, 0.3561, 0.2324
Android (android.graphics.Color)	4285936483 (0xFF763363)
YUV	76.5050, 11.0900, 36.3911
Hunter-Lab	26.6834, 26.2680, -9.3270

Details

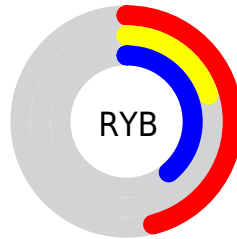
The YUV color **76.5050, 11.0900, 36.3911** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **92.4950, -11.0900, -36.3911**, and the grayscale version is **76.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **127.8150, 10.9372, 38.7502**, and **25.9610, 12.8372, 35.9912** is the 20% darker color. If you saturate the color by 10%, you get **69.1190, 13.2523, 42.8686**, and if you desaturate by 10%, it is **83.8910, 8.9277, 29.9136**.

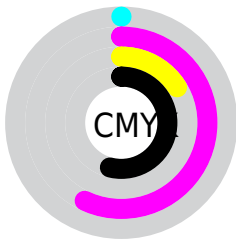
Distribution



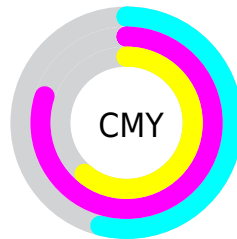
- Red (46%)
- Green (20%)
- Blue (39%)



- Red (46%)
- Yellow (20%)
- Blue (39%)



- Cyan (0%)
- Magenta (57%)
- Yellow (16%)
- Black (54%)



- Cyan (54%)
- Magenta (80%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 76.5050, 11.0900, 36.3911 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 76.5050, 11.0900, 36.3911 by changing the saturation by 10% instead.

76.5050, 11.0900,
36.3911

76.5050, 11.0900,
36.3911

255.0000, 0.0000,
0.0000

51.3200, 11.6742,
35.6764

127.8150, 10.9372,
38.7502

25.9610, 12.8372,
35.9912

154.5270, 11.0792,
39.8798

16.9890, 6.9074,
24.5656

181.5380, 11.0738,
41.6242

1.1250, 0.4314,
1.6444

208.3530, 11.6580,
40.9094

0.0000, 0.0000,
0.0000

227.4110, 13.6014,
24.1956

244.4340, 5.2090,

9.2664

■ 76.5050, 11.0900,
36.3911

■ 76.5050, 11.0900,
36.3911

■ 69.1190, 13.2523,
42.8686

■ 83.8910, 8.9277,
29.9136

■ 61.6190, 14.9778,
49.4461

■ 91.3910, 7.2022,
23.3361

■ 54.8200, 16.8507,
55.4089

■ 98.1900, 5.3293,
17.3734

■ 47.4340, 19.0130,
61.8864

■ 105.5760, 3.1670,
10.8958

■ 44.9720, 19.7338,
64.0456

■ 113.0760, 1.4415,
4.3183

■ 120.4620, -0.7208,
-2.1592

■ 127.8480, -2.8831,
-8.6367

■ 134.7610, -4.3192,
-14.6994

■ 142.1470, -6.4815,
-21.1769

Harmonies

Analogous

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



77.7170, 22.8175, 8.1412



76.5050, 11.0900, 36.3911



73.7380, -2.3358, 49.3418

Triad

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



76.5050, 11.0900, 36.3911



70.9990, -32.0445, 11.4019



65.0110, 23.1656, -57.0146

Complementary

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



76.5050, 11.0900, 36.3911



92.4950, -11.0900, -36.3911

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.



62.2920, 10.2090, -54.6301



76.5050, 11.0900, 36.3911



67.1790, -21.7802, -14.1890

Square

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



76.5050, 11.0900, 36.3911



73.1570, -28.1784, 31.4343



57.4700, -3.1897, -50.4012



64.8290, 32.6223, -56.8550

Rectangle

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



76.5050, 11.0900, 36.3911



73.5070, -12.0820, 48.6674



57.4700, -3.1897, -50.4012



64.5720, 18.9450, -56.6296

Sweetspot

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



76.5050, 11.0900, 36.3911



136.9400, 4.4666, 14.0846



64.3190, 26.4647, 4.9822



67.0380, 2.4463, 8.7367



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000

Same Dimension

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



76.5050, 11.0900, 36.3911



88.5320, 16.9927, 56.5384



72.7430, -3.3243, 39.6904



55.2500, 0.8628, 3.2888



46.5100, 20.4546, 66.2047



95.1560, 41.3351, 135.7982

Inverse Universe

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



76.5050, 11.0900, 36.3911



88.5320, 16.9927, 56.5384



96.2570, 3.3243, -39.6904



55.2500, 0.8628, 3.2888



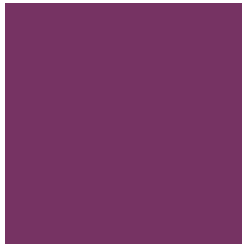
46.5100, 20.4546, 66.2047



95.1560, 41.3351, 135.7982

Previews

White Background



This preview shows how the YUV color 76.5050, 11.0900, 36.3911 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

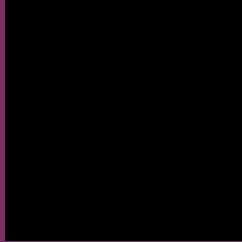
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 76.5050, 11.0900, 36.3911

Background



This preview shows how black text looks on a background with the YUV color 76.5050, 11.0900, 36.3911.



This preview shows how white text looks on a background with the YUV color 76.5050, 11.0900,

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

76.5050, 11.0900, 36.3911

Protanopia

75.6020, 20.4092, -12.8060

Deuteranopia

76.9810, 8.8834, -2.6143



Tritanopia

76.0150, -5.9234, 33.3128

Trichromacy



Original Color

76.5050, 11.0900, 36.3911

Protanomaly

75.8000, 16.8606, 5.4374

Deuteranomaly

76.5960, 9.5662, 11.7553

Tritanomaly

76.0350, 0.4757, 34.1723

Monochromacy



Original Color

76.5050, 11.0900, 36.3911

Achromatopsia

77.0000, 0.0000, 0.0000

Achromatomaly

77.1140, 3.8878, 13.0550

CSS Examples

Text

The CSS property to change the color of the text to YUV 76.5050, 11.0900, 36.3911 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(118, 51, 99)` looks like.

```
.text, #text, p{  
    color:rgb(118, 51, 99)  
}
```

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(118, 51, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(118, 51, 99) }
```

Border

The CSS property to change the border of an element to YUV 76.5050, 11.0900, 36.3911 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(118, 51, 99) }
```


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

```
.border{ border-color:rgb(118, 51, 99) }
```

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

Here you see how a box with a 4 pixel rgb(118, 51, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(118, 51, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(118, 51, 99);  
box-shadow:4px 4px 4px 4px rgb(118, 51,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 76.5050, 11.0900, 36.3911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(118, 51, 99) }
```

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

```
.background{ background-color: rgb(118, 51,  
99) }
```

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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