

Converting Colors

YUV(66.5370, 16.0043, 46.8871)

Have a look what the booklet for
YUV(66.5370, 16.0043, 46.8871)
contains.

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Color

**YUV(66.5370, 16.0043,
46.8871)**

Conversions

Conversions Part 1

Format	Color
Hex	782163
RGB	120, 33, 99
RGB Percent	47%, 13%, 39%
CMY	0.5294, 0.8706, 0.6118
CMYK	0.00, 0.72, 0.18, 0.53
HSL	314°, 57%, 30%
HSV	314°, 72%, 47%
XYZ	10.5417, 5.9816, 12.4033
YIQ	66.5370, 30.6660, 38.9700

Conversions

Conversions Part 2

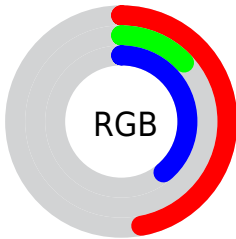
Format	Color
R_{YB}	120, 33, 99
Decimal	7872867
CIE _{Lab}	29.37, 44.69, -18.73
CIE _{LCh}	29, 48.455, 337.255
Yxy	5.9816, 0.3644, 0.2068
Android (android.graphics.Color)	4286062947 (0xFF782163)
YUV	66.5370, 16.0043, 46.8871
Hunter-Lab	24.4574, 34.1374, -12.9482

Details

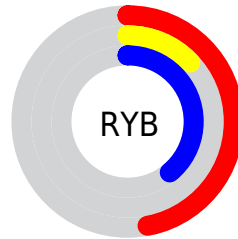
The YUV color **66.5370, 16.0043, 46.8871** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **86.4630, -16.0043, -46.8871**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **119.9070, 14.8358, 48.3166**, and **26.2600, 12.6898, 36.6060** is the 20% darker color. If you saturate the color by 10%, you get **59.1510, 18.1666, 53.3646**, and if you desaturate by 10%, it is **73.9230, 13.8420, 40.4095**.

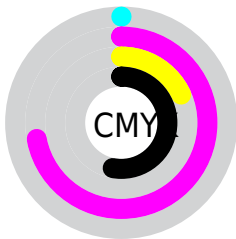
Distribution



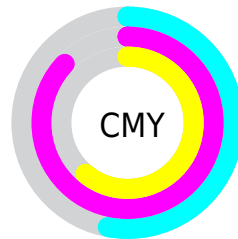
- Red (47%)
- Green (13%)
- Blue (39%)



- Red (47%)
- Yellow (13%)
- Blue (39%)



- Cyan (0%)
- Magenta (72%)
- Yellow (18%)
- Black (53%)



- Cyan (53%)
- Magenta (87%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 66.5370, 16.0043, 46.8871 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 66.5370, 16.0043, 46.8871 by changing the saturation by 10% instead.

66.5370, 16.0043,
46.8871

66.5370, 16.0043,
46.8871

255.0000, 0.0000,
0.0000

36.6560, 18.9036,
50.2907

119.9070, 14.8358,
48.3166

26.2600, 12.6898,
36.6060

146.6190, 14.9778,
49.4461

17.2880, 6.7600,
25.1804

173.6300, 14.9724,
51.1905

0.1140, 0.4368,
-0.1000

200.1350, 15.7094,
48.1166

0.0000, 0.0000,
0.0000

219.1930, 17.6529,
31.4027

235.6290, 9.5499,

16.9884

252.6520, 1.1576,
2.0592

66.5370, 16.0043,
46.8871

66.5370, 16.0043,
46.8871

59.1510, 18.1666,
53.3646

73.9230, 13.8420,
40.4095

51.7650, 20.3289,
59.8421

81.3090, 11.6797,
33.9320

46.2540, 22.0598,
64.6752

88.6950, 9.5174,
27.4545

96.0810, 7.3551,
20.9770

103.3530, 4.7560,
14.5994

■ 110.7390, 2.5937,
8.1219

■ 118.1250, 0.4314,
1.6444

■ 125.5110, -1.7309,
-4.8331

■ 132.8970, -3.8932,
-11.3107

Harmonies

Analogous

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



70.4380, 29.3641, 8.3859



66.5370, 16.0043, 46.8871



60.0480, 0.9623, 64.8559

Triad

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



66.5370, 16.0043, 46.8871



64.7000, -31.8971, 10.7871



62.8910, 25.1967, -55.1554

Complementary

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



66.5370, 16.0043, 46.8871



86.4630, -16.0043, -46.8871

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.



59.3740, 9.1826, -52.0710



66.5370, 16.0043, 46.8871



56.8380, -28.0211, -19.1519

Square

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



66.5370, 16.0043, 46.8871



64.8650, -31.9784, 36.9524



53.6400, -7.7105, -47.0423



63.3930, 37.2743, -55.5957

Rectangle

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



66.5370, 16.0043, 46.8871



61.2960, -11.9779, 62.0074



53.6400, -7.7105, -47.0423



61.6370, 20.3920, -54.0556

Sweetspot

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



66.5370, 16.0043, 46.8871



134.4290, 6.1975, 18.9178



48.8980, 35.0533, 3.5975



66.1030, 3.8932, 11.3107



207.0000, 0.0000, 0.0000



79.0000, 0.0000, 0.0000

Same Dimension

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



66.5370, 16.0043, 46.8871



72.4060, 24.9428, 73.3119



61.6350, -2.7781, 51.1861



57.3640, 1.2995, 3.1888



48.2050, 23.0699, 67.3492



97.2360, 46.7187, 135.7280

Inverse Universe

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



66.5370, 16.0043, 46.8871



72.4060, 24.9428, 73.3119



91.3650, 2.7781, -51.1861



57.3640, 1.2995, 3.1888



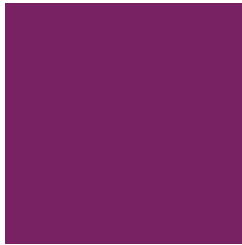
48.2050, 23.0699, 67.3492



97.2360, 46.7187, 135.7280

Previews

White Background



This preview shows how the YUV color 66.5370, 16.0043, 46.8871 looks on a white background.

Color Contrast Check

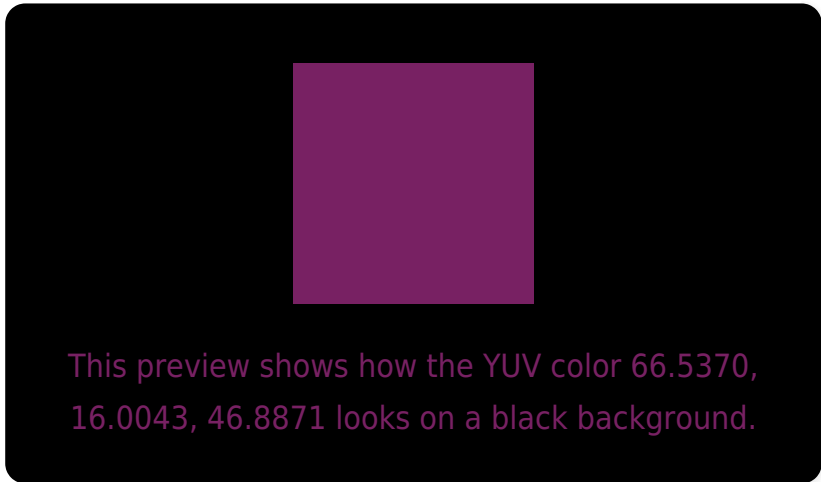
Large Text (above 18pt) WCAG AA ✓ Pass

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

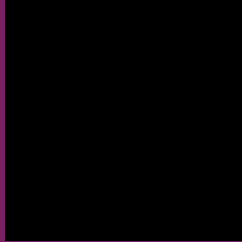
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 66.5370, 16.0043, 46.8871

Background



This preview shows how black text looks on a background with the YUV color 66.5370, 16.0043, 46.8871.



This preview shows how white text looks on a background with the YUV color 66.5370, 16.0043,

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

66.5370, 16.0043, 46.8871

Protanopia

67.3540, 29.8985, -23.1125

Deuteranopia

70.3550, 11.6570, -5.5733



Tritanopia

68.6740, -8.7133, 41.5049

Trichromacy



Original Color

66.5370, 16.0043, 46.8871

Protanomaly

67.1400, 24.5810, 2.5082

Deuteranomaly

68.9320, 13.3445, 13.2146

Tritanomaly

67.9760, 0.0118, 42.9940

Monochromacy



Original Color

66.5370, 16.0043, 46.8871

Achromatopsia

67.0000, 0.0000, 0.0000

Achromatomaly

67.0050, 5.9135, 16.6586

CSS Examples

Text

The CSS property to change the color of the text to YUV 66.5370, 16.0043, 46.8871 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(120, 33, 99)` looks like.

```
.text, #text, p{  
    color:rgb(120, 33, 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(120, 33, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 33, 99) }
```

Border

The CSS property to change the border of an element to YUV 66.5370, 16.0043, 46.8871 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(120, 33, 99) }
```


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

```
.border{ border-color:rgb(120, 33, 99) }
```

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

Here you see how a box with a 4 pixel rgb(120, 33, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 33, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 33, 99);  
box-shadow:4px 4px 4px 4px rgb(120, 33,  
99) }
```

Background

The CSS property to change the background color of an element to YUV 66.5370, 16.0043, 46.8871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 33, 99) }
```

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

```
.background{ background-color: rgb(120, 33,  
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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