

Converting Colors

YUV(48.1670, 33.9347, 35.8105)

Have a look what the booklet for
YUV(48.1670, 33.9347, 35.8105)
contains.

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Color

**YUV(48.1670, 33.9347,
35.8105)**

Conversions

Conversions Part 1

Format	Color
Hex	590E75
RGB	89, 14, 117
RGB Percent	35%, 5%, 46%
CMY	0.6510, 0.9451, 0.5412
CMYK	0.24, 0.88, 0.00, 0.54
HSL	284°, 79%, 26%
HSV	284°, 88%, 46%
XYZ	7.4877, 3.7223, 17.1534
YIQ	48.1670, 11.6370, 47.9330

Conversions

Conversions Part 2

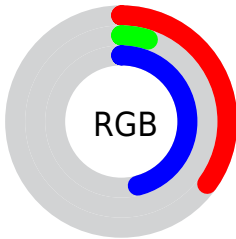
Format	Color
R_{YB}	89, 14, 117
Decimal	5836405
CIE _{Lab}	22.73, 47.40, -41.24
CIE _{LCh}	23, 62.827, 318.974
Yxy	3.7223, 0.2640, 0.1312
Android (android.graphics.Color)	4284026485 (0xFF590E75)
YUV	48.1670, 33.9347, 35.8105
Hunter-Lab	19.2932, 35.5133, -39.2091

Details

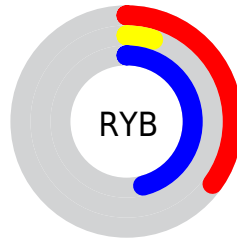
The YUV color **48.1670, 33.9347, 35.8105** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **82.8330, -33.9347, -35.8105**, and the grayscale version is **48.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **102.6400, 33.2085, 35.3957**, and **19.4130, 23.9534, 17.1778** is the 20% darker color. If you saturate the color by 10%, you get **40.2260, 37.8496, 40.1438**, and if you desaturate by 10%, it is **56.1080, 30.0198, 31.4773**.

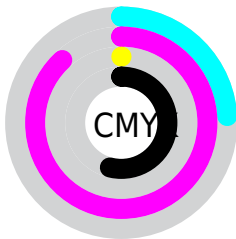
Distribution



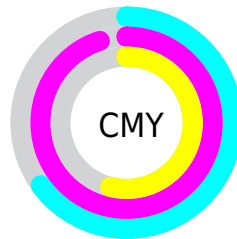
- Red (35%)
- Green (5%)
- Blue (46%)



- Red (35%)
- Yellow (5%)
- Blue (46%)



- Cyan (24%)
- Magenta (88%)
- Yellow (0%)
- Black (54%)



- Cyan (65%)
- Magenta (95%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the YUV color 48.1670, 33.9347, 35.8105 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 48.1670, 33.9347, 35.8105 by changing the saturation by 10% instead.

■ 48.1670, 33.9347,
35.8105

■ 48.1670, 33.9347,
35.8105

■ 255.0000, 0.0000,
0.0000

■ 29.3250, 30.8988,
29.5330

■ 102.6400, 33.2085,
35.3957

■ 19.4130, 23.9534,
17.1778

■ 129.0530, 33.4979,
35.9105

■ 5.7280, 19.3611,
-3.2695

■ 156.2920, 34.3660,
37.4549

■ 3.2090, 9.7570,
-2.8143

■ 184.1180, 34.9448,
38.4845

■ 0.0000, 0.0000,
0.0000

■ 208.0400, 23.1513,
41.1839

■ 224.4760, 15.0483,

26.7695

241.4990, 6.6560,
11.8404

48.1670, 33.9347,
35.8105

48.1670, 33.9347,
35.8105

40.2260, 37.8496,
40.1438

56.1080, 30.0198,
31.4773

38.7530, 38.5758,
40.5586

63.4620, 26.3942,
27.6588

71.7020, 22.3319,
23.9403

79.6430, 18.4170,
19.6071

86.9970, 14.7915,
15.7886

■ 94.9380, 10.8766,
11.4554

■ 102.8790, 6.9617,
7.1221

■ 110.8200, 3.0467,
2.7889

■ 118.4730, -0.7262,
-0.4148

Harmonies

Analogous

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



46.4670, 48.5768, -40.7516



48.1670, 33.9347, 35.8105



45.8110, 13.8972, 69.4488

Triad

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



48.1670, 33.9347, 35.8105



51.5200, -25.3994, 26.7310



51.8400, 15.8549, -45.4637

Complementary

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



48.1670, 33.9347, 35.8105



82.8330, -33.9347, -35.8105

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.



45.6670, -5.2588, -40.0500



48.1670, 33.9347, 35.8105



47.4680, -23.4017, -7.4264

Square

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



48.1670, 33.9347, 35.8105



40.2440, -19.8403, 63.8070



39.9160, -19.6786, -35.0063



56.0410, 34.4898, -49.1480

Rectangle

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



48.1670, 33.9347, 35.8105



44.0710, -0.5280, 76.2367



39.9160, -19.6786, -35.0063



49.4290, 9.1555, -43.3492

Sweetspot

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



48.1670, 33.9347, 35.8105



126.2310, 13.1971, 13.8294



42.7650, 36.5979, -25.2269



60.8190, 7.9772, 8.0517



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.



48.1670, 33.9347, 35.8105



50.6310, 50.4679, 52.9436



54.0310, 20.1977, 55.2238



54.8800, 2.0312, 1.8592



40.5190, 40.1701, 42.5178



82.9180, 82.3714, 86.8949

Inverse Universe

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



47.9890, -2.9526, 60.5226



50.5350, -4.2078, 89.8618



76.9690, -20.1977, -55.2238



54.9080, -0.4476, 3.5887



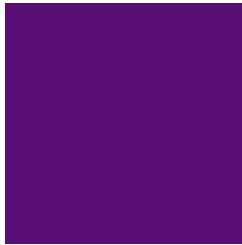
40.2400, -3.5693, 71.7035



82.5020, -7.1495, 146.8957

Previews

White Background



This preview shows how the YUV color 48.1670, 33.9347, 35.8105 looks on a white background.

Color Contrast Check

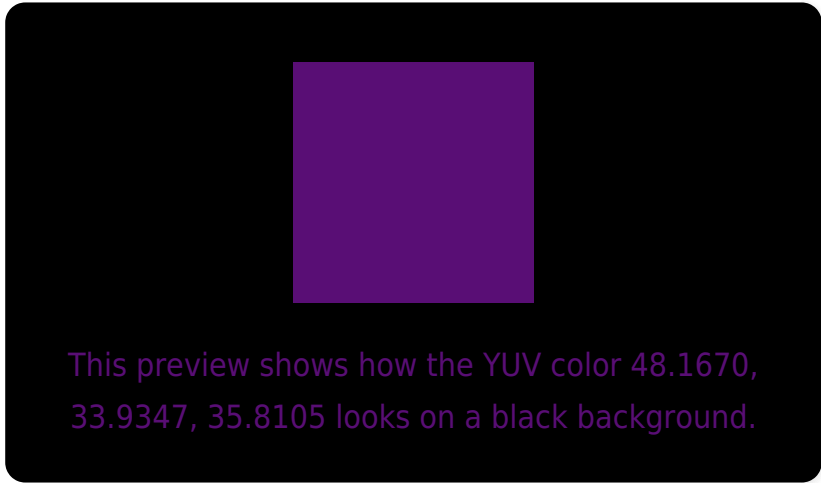
Large Text (above 18pt) WCAG AA ✓ Pass

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

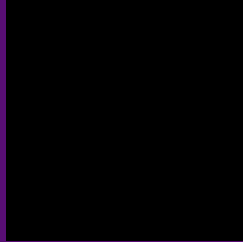
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 48.1670, 33.9347, 35.8105

Background



This preview shows how black text looks on a background with the YUV color 48.1670, 33.9347, 35.8105.



This preview shows how white text looks on a background with the YUV color 48.1670, 33.9347,

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

48.1670, 33.9347, 35.8105

Protanopia

44.8080, 34.6047, -39.2966

Deuteranopia

45.4460, 26.8951, -39.8561



Tritanopia

57.0240, -2.9698, 19.2730

Trichromacy



Original Color

48.1670, 33.9347, 35.8105

Protanomaly

45.6850, 34.6653, -12.0017

Deuteranomaly

46.3060, 29.4291, -12.5464

Tritanomaly

53.9120, 10.3964, 25.5102

Monochromacy



Original Color

48.1670, 33.9347, 35.8105

Achromatopsia

48.0000, 0.0000, 0.0000

Achromatomaly

48.2910, 12.1815, 12.8998

CSS Examples

Text

The CSS property to change the color of the text to YUV 48.1670, 33.9347, 35.8105 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(89, 14, 117)` looks like.

```
.text, #text, p{  
    color:rgb(89, 14, 117)  
}
```

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(89, 14, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 14, 117) }
```

Border

The CSS property to change the border of an element to YUV 48.1670, 33.9347, 35.8105 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(89, 14, 117) }
```


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

```
.border{ border-color:rgb(89, 14, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 14, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 14, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 14, 117);  
box-shadow:4px 4px 4px 4px rgb(89, 14,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 48.1670, 33.9347, 35.8105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 14, 117) }
```

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

```
.background{ background-color: rgb(89, 14,  
117) }
```

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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