

# Converting Colors

YUV(47.0330, 43.8607, 25.4041)

Have a look what the booklet for  
YUV(47.0330, 43.8607, 25.4041)  
contains.

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# Color

**YUV(47.0330, 43.8607,  
25.4041)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4C0F88
RGB	76, 15, 136
RGB Percent	30%, 6%, 53%
CMY	0.7020, 0.9412, 0.4667
CMYK	0.44, 0.89, 0.00, 0.47
HSL	270°, 80%, 30%
HSV	270°, 89%, 53%
XYZ	7.5952, 3.6557, 23.5979
YIQ	47.0330, -2.4850, 50.5630

# Conversions

## Conversions Part 2

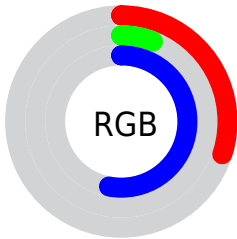
<b>Format</b>	<b>Color</b>
<b>RYB</b>	76, 15, 136
Decimal	4984712
CIELab	22.50, 49.42, -53.76
CIELCh	22, 73.021, 312.593
Yxy	3.6557, 0.2179, 0.1049
Android (android.graphics.Color)	4283174792 (0xFF4C0F88)
YUV	47.0330, 43.8607, 25.4041
Hunter-Lab	19.1199, 37.4479, -59.7919

# Details

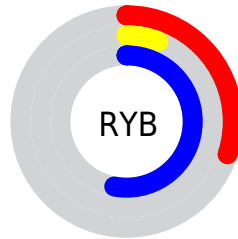
The YUV color **47.0330, 43.8607, 25.4041** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **103.9670, -43.8607, -25.4041**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **101.3320, 43.7133, 26.0188**, and **15.0720, 34.4745, 2.5679** is the 20% darker color. If you saturate the color by 10%, you get **36.7220, 48.9441, 28.3078**, and if you desaturate by 10%, it is **57.3440, 38.7774, 22.5003**.

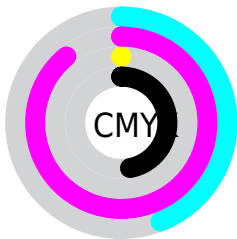
# Distribution



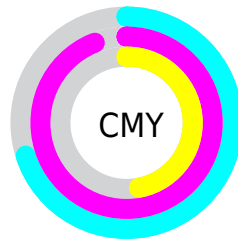
- Red (30%)
- Green (6%)
- Blue (53%)



- Red (30%)
- Yellow (6%)
- Blue (53%)



- Cyan (44%)
- Magenta (89%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (94%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 47.0330, 43.8607, 25.4041 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 47.0330, 43.8607, 25.4041 by changing the saturation by 10% instead.



47.0330, 43.8607,  
25.4041

47.0330, 43.8607,  
25.4041

255.0000, 0.0000,  
0.0000

26.8920, 40.9722,  
18.5117

101.3320, 43.7133,  
26.0188

15.0720, 34.4745,  
2.5679

128.2720, 44.7289,  
26.9485

6.9540, 26.6447,  
-6.0987

155.3970, 45.1603,  
28.5928

5.5060, 16.0195,  
-4.8288

180.2420, 36.8557,  
32.2368


2.2970, 6.2626,  
-2.0145


205.3490, 24.4779,  
35.6509


0.0000, 0.0000,  
0.0000


224.4760, 15.0483,


26.7695

 240.9120, 6.9454,  
12.3552


 47.0330, 43.8607,  
25.4041


 47.0330, 43.8607,  
25.4041


 36.7220, 48.9441,  
28.3078


 57.3440, 38.7774,  
22.5003

 36.1350, 49.2334,  
28.8226

 66.7690, 34.1309,  
19.4966

 77.0800, 29.0476,  
16.5928

 86.8040, 24.2536,  
14.2039

 97.1150, 19.1703,  
11.3001

■ 107.1270, 14.2344,  
7.7816

■ 116.8510, 9.4405,  
5.3927

■ 127.1620, 4.3571,  
2.4889

■ 136.8860, -0.4368,  
0.1000

# Harmonies

## Analogous

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



51.5680, 55.4290, -45.2251



47.0330, 43.8607, 25.4041



48.6030, 19.4227, 70.5082

# Triad

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



47.0330, 43.8607, 25.4041



49.8140, -24.5583, 36.9971



50.9280, 12.3605, -44.6639

# Complementary

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



47.0330, 43.8607, 25.4041



103.9670, -43.8607, -25.4041

# 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.



43.6150, -13.1212, -38.2504



47.0330, 43.8607, 25.4041



48.3870, -23.8548, -2.0934

# Square

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



47.0330, 43.8607, 25.4041



37.3750, -18.4259, 76.8471



39.3290, -19.3892, -34.4915



57.4430, 34.7846, -50.3775



# Rectangle

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



47.0330, 43.8607, 25.4041



47.7880, 2.0765, 80.8699



39.3290, -19.3892, -34.4915



48.7620, 4.0613, -42.7643

# Sweetspot

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



47.0330, 43.8607, 25.4041



140.6480, 17.4285, 9.9557



64.6010, 35.1997, -43.5001



68.3780, 10.1666, 5.8075



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



47.0330, 43.8607, 25.4041



46.6750, 63.7572, 37.1190



64.9730, 35.0163, 62.2907



63.6950, 2.6154, 1.1445



35.1950, 48.2179, 27.8930



1.4670, 1.7418, 1.3444



# Inverse Universe

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



58.0190, 8.3716, 68.3893



62.5420, 12.0578, 99.5027



86.0270, -35.0163, -62.2907



64.4350, 0.2785, 4.0035



47.2910, 9.2235, 75.1668

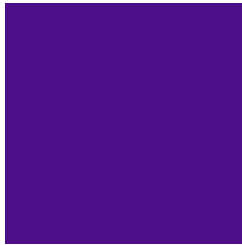


1.8370, 0.5734, 2.7740



# Previews

## White Background



This preview shows how the YUV color 47.0330, 43.8607, 25.4041 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

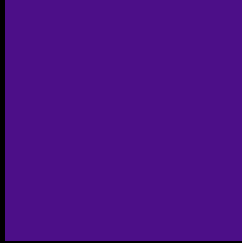
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 47.0330, 43.8607, 25.4041 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

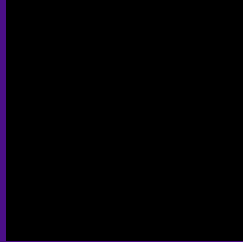
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 47.0330, 43.8607, 25.4041

## Background



This preview shows how black text looks on a background with the YUV color 47.0330, 43.8607, 25.4041.



This preview shows how white text looks on a background with the YUV color 47.0330, 43.8607,



# 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

47.0330, 43.8607, 25.4041

### Protanopia

44.5800, 33.7311, -39.0967

### Tritanopia

55.7660, 1.5944, 1.9592

# Trichromacy



## Original Color

47.0330, 43.8607, 25.4041

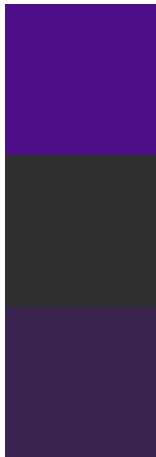
## Protanomaly

45.6460, 37.1495, -15.4755

## Tritanomaly

52.8330, 16.8443, 10.6705

# Monochromacy



## Original Color

47.0330, 43.8607, 25.4041

## Achromatopsia

47.0000, 0.0000, 0.0000

## Achromatomaly

46.8930, 15.8288, 9.7408

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 47.0330, 43.8607, 25.4041 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(76, 15, 136)` looks like.

```
.text, #text, p{  
    color:rgb(76, 15, 136)  
}
```

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(76, 15, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 15, 136) }
```

## Border

The CSS property to change the border of an element to YUV 47.0330, 43.8607, 25.4041 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(76, 15, 136) }
```

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

```
.border{ border-color:rgb(76, 15, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 15, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 15, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 15, 136);  
box-shadow:4px 4px 4px 4px rgb(76, 15,  
136) }
```



# Background

The CSS property to change the background color of an element to YUV 47.0330, 43.8607, 25.4041 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 15, 136) }
```

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

```
.background{ background-color: rgb(76, 15,  
136) }
```

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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