

# Converting Colors

YUV(47.4700, 30.8273, 5.7268)

Have a look what the booklet for  
YUV(47.4700, 30.8273, 5.7268)  
contains.

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# Color

**YUV(47.4700, 30.8273,  
5.7268)**

# Conversions

## Conversions Part 1

Format	Color
Hex	36206E
RGB	54, 32, 110
RGB Percent	21%, 13%, 43%
CMY	0.7882, 0.8745, 0.5686
CMYK	0.51, 0.71, 0.00, 0.57
HSL	257°, 55%, 28%
HSV	257°, 71%, 43%
XYZ	4.8523, 2.9431, 15.0642
YIQ	47.4700, -11.9260, 28.9220

# Conversions

## Conversions Part 2

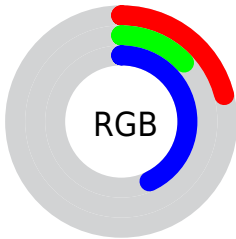
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	54, 32, 110
Decimal	3547246
CIE Lab	19.81, 31.11, -41.69
CIE LCh	20, 52.020, 306.731
Yxy	2.9431, 0.2123, 0.1287
Android (android.graphics.Color)	4281737326 (0xFF36206E)
YUV	47.4700, 30.8273, 5.7268
Hunter-Lab	17.1554, 20.4657, -40.0538

# Details

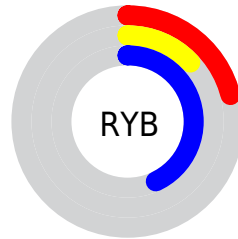
The YUV color **47.4700, 30.8273, 5.7268** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **94.5300, -30.8273, -5.7268**, and the grayscale version is **47.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **95.9480, 32.5636, 8.8156**, and **8.8620, 26.1970, -2.5100** is the 20% darker color. If you saturate the color by 10%, you get **38.6210, 35.1898, 6.4714**, and if you desaturate by 10%, it is **56.3190, 26.4647, 4.9822**.

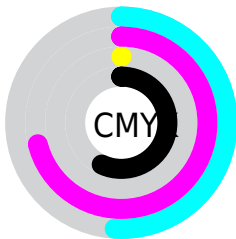
# Distribution



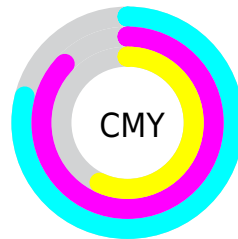
- Red (21%)
- Green (13%)
- Blue (43%)



- Red (21%)
- Yellow (13%)
- Blue (43%)



- Cyan (51%)
- Magenta (71%)
- Yellow (0%)
- Black (57%)



- Cyan (79%)
- Magenta (87%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 47.4700, 30.8273, 5.7268 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 47.4700, 30.8273, 5.7268 by changing the saturation by 10% instead.



47.4700, 30.8273,  
5.7268

47.4700, 30.8273,  
5.7268

255.0000, 0.0000,  
0.0000

23.6330, 30.2539,  
2.9529

95.9480, 32.5636,  
8.8156

8.8620, 26.1970,  
-2.5100

121.3010, 33.8686,  
10.2600

6.2070, 16.1669,  
-5.4435

147.8280, 34.5948,  
10.6748

2.4110, 6.6994,  
-2.1144

174.7680, 35.6104,  
11.6045

0.0000, 0.0000,  
0.0000

200.2000, 27.0164,  
14.7336

225.3070, 14.6386,

18.1478

244.4340, 5.2090,  
9.2664

47.4700, 30.8273,  
5.7268

47.4700, 30.8273,  
5.7268

38.6210, 35.1898,  
6.4714

56.3190, 26.4647,  
4.9822

29.7720, 39.5524,  
7.2160

65.1680, 22.1022,  
4.2377

21.8090, 43.4782,  
8.0605

74.0170, 17.7396,  
3.4931

82.8660, 13.3771,  
2.7485

91.4160, 9.1619,  
1.3892

■ 100.2650, 4.7994,  
0.6446

■ 109.1140, 0.4368,  
-0.1000

■ 117.9630, -3.9258,  
-0.8446

■ 126.8120, -8.2883,  
-1.5891

# Harmonies

## Analogous

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



44.1870, 39.8408, -38.7520



47.4700, 30.8273, 5.7268



38.0090, 20.2086, 51.7351

# Triad

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



47.4700, 30.8273, 5.7268



44.7750, -22.0741, 33.5233



43.3650, 6.2291, -38.0311

# Complementary

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



47.4700, 30.8273, 5.7268



94.5300, -30.8273, -5.7268

# 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.



37.4030, -11.5377, -32.8024



47.4700, 30.8273, 5.7268



44.6100, -21.9927, 7.3580

# Square

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



47.4700, 30.8273, 5.7268



31.0960, -15.3303, 63.9368



34.3560, -16.9375, -27.4992



47.5830, 22.3906, -41.7303



# Rectangle

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



47.4700, 30.8273, 5.7268



38.7470, 7.5197, 61.6119



34.3560, -16.9375, -27.4992



41.2960, 0.8401, -36.2166

# Sweetspot

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



47.4700, 30.8273, 5.7268



118.8120, 11.9247, 1.9189



74.3510, 17.5750, -37.1418



57.4330, 6.6885, 1.3743



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



47.4700, 30.8273, 5.7268



45.3730, 48.1301, 9.3199



58.8320, 25.2258, 29.0883



51.2820, 2.3260, 0.6297



23.8460, 47.4039, 8.9051



49.0880, 97.5706, 18.3398



# Inverse Universe

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



61.7060, 12.9629, 42.3538



67.5100, 20.4546, 66.2047



83.1680, -25.2258, -29.0883



52.3640, 1.2995, 3.1888



45.6840, 19.8758, 65.1751

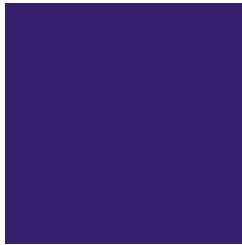


94.1450, 41.3405, 134.0538



# Previews

## White Background



This preview shows how the YUV color 47.4700, 30.8273, 5.7268 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 47.4700, 30.8273, 5.7268 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

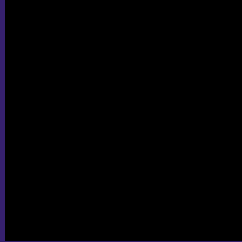
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 47.4700, 30.8273, 5.7268**

## **Background**



This preview shows how black text looks on a background with the YUV color 47.4700, 30.8273, 5.7268.



This preview shows how white text looks on a background with the YUV color 47.4700, 30.8273,



# 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

47.4700, 30.8273, 5.7268

### Protanopia

38.8750, 29.6416, -34.0934

### Deuteranopia

39.0400, 22.6583, -34.2381



**Tritanopia**

47.2700, 3.8109, -9.0068

# Trichromacy



## Original Color

47.4700, 30.8273, 5.7268

## Protanomaly

42.3760, 29.8876, -19.6238

## Deuteranomaly

41.9370, 25.6671, -19.2387

## Tritanomaly

47.2350, 13.6881, -3.7141

# Monochromacy



## Original Color

47.4700, 30.8273, 5.7268

## Achromatopsia

47.0000, 0.0000, 0.0000

## Achromatomaly

47.5840, 11.0511, 2.1188

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 47.4700, 30.8273, 5.7268 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(54, 32, 110)` looks like.

```
.text, #text, p{  
    color:rgb(54, 32, 110)  
}
```

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(54, 32, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 32, 110) }
```

## Border

The CSS property to change the border of an element to YUV 47.4700, 30.8273, 5.7268 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(54, 32, 110) }
```



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

```
.border{ border-color:rgb(54, 32, 110) }
```

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

Here you see how a box with a 4 pixel rgb(54, 32, 110) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 32, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 32, 110);  
box-shadow:4px 4px 4px 4px rgb(54, 32,  
110) }
```

# Background

The CSS property to change the background color of an element to YUV 47.4700, 30.8273, 5.7268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 32, 110) }
```

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

```
.background{ background-color: rgb(54, 32,  
110) }
```

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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