

# Converting Colors

YUV(62.5300, 46.5737, -4.8498)

Have a look what the booklet for  
YUV(62.5300, 46.5737, -4.8498)  
contains.

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# Color

**YUV(62.5300, 46.5737,  
-4.8498)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	392F9D
RGB	57, 47, 157
RGB Percent	22%, 18%, 62%
CMY	0.7765, 0.8157, 0.3843
CMYK	0.64, 0.70, 0.00, 0.38
HSL	245°, 54%, 40%
HSV	245°, 70%, 62%
XYZ	8.7897, 5.3372, 32.4652
YIQ	62.5300, -29.3500, 36.3300

# Conversions

## Conversions Part 2

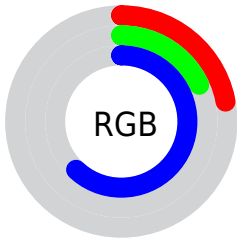
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	57, 47, 157
Decimal	3747741
CIE Lab	27.67, 37.85, -58.31
CIE LCh	28, 69.522, 302.990
Yxy	5.3372, 0.1887, 0.1146
Android (android.graphics.Color)	4281937821 (0xFF392F9D)
YUV	62.5300, 46.5737, -4.8498
Hunter-Lab	23.1024, 27.4839, -67.1470

# Details

The YUV color **62.5300, 46.5737, -4.8498** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **141.4700, -46.5737, 4.8498**, and the grayscale version is **62.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **114.1440, 48.7360, 1.6277**, and **14.2040, 44.2694, -12.4569** is the 20% darker color. If you saturate the color by 10%, you get **48.9520, 53.2677, -5.2199**, and if you desaturate by 10%, it is **76.1080, 39.8798, -4.4797**.

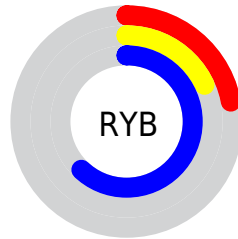
# Distribution



 Red (22%)

 Green (18%)

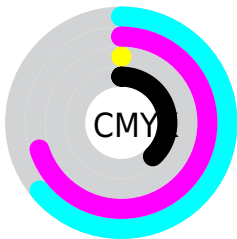
 Blue (62%)




 Red (22%)

 Yellow (18%)

 Blue (62%)

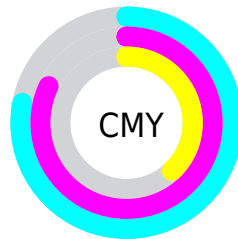


 Cyan (64%)


 Magenta (70%)

 Yellow (0%)

 Black (38%)



 Cyan (78%)

 Magenta (82%)
















 Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 62.5300, 46.5737, -4.8498 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 62.5300, 46.5737, -4.8498 by changing the saturation by 10% instead.



 62.5300, 46.5737, -4.8498	 62.5300, 46.5737, -4.8498
255.0000, 0.0000, 0.0000	 35.1760, 46.7482, -14.1864
 114.1440, 48.7360, 1.6277	 14.2040, 44.2694, -12.4569
 140.3830, 49.6042, 3.1721	 9.1200, 34.9438, -7.9982
 165.9120, 43.9204, 6.2162	 9.2050, 22.5769, -8.0728
 190.4320, 31.8320, 10.1451	 4.9360, 13.8356, -4.3289
 215.8380, 19.3069, 14.1741	 0.6840, 2.6208, -0.5999
 239.1510, 7.8136,	 0.0000, 0.0000,

13.8996

0.0000

■ 62.5300, 46.5737,  
-4.8498

■ 62.5300, 46.5737,  
-4.8498

■ 48.9520, 53.2677,  
-5.2199

■ 76.1080, 39.8798,  
-4.4797

■ 35.6620, 59.8196,  
-6.7196

■ 89.3980, 33.3278,  
-2.9800

■ 22.0840, 66.5136,  
-7.0897

■ 102.9760, 26.6338,  
-2.6100

■ 116.5540, 19.9399,  
-2.2399

■ 130.1320, 13.2459,  
-1.8698

■ 143.4220, 6.6940,  
-0.3701

■ 157.0000, 0.0000,  
0.0000

■ 170.5780, -6.6940,  
0.3701

■ 183.5690,  
-13.0985, 1.2550

# Harmonies

## Analogous

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



62.2140, 55.6035, -54.5617



62.5300, 46.5737, -4.8498



51.6810, 31.2163, 67.8088

# Triad

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



62.5300, 46.5737, -4.8498



59.3490, -29.2591, 51.4369



57.8750, 5.9776, -50.7564

# Complementary

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



62.5300, 46.5737, -4.8498



141.4700, -46.5737, 4.8498

# 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.



49.5190, -20.9619, -43.4282



62.5300, 46.5737, -4.8498



61.4660, -30.3027, 12.7463

# Square

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



62.5300, 46.5737, -4.8498



44.3810, -17.4428, 88.2429



46.9930, -23.1675, -35.9509



64.5040, 28.8385, -56.5700



# Rectangle

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



62.5300, 46.5737, -4.8498



53.3720, 13.1276, 82.9888



46.9930, -23.1675, -35.9509



55.1220, -2.0321, -48.3420

# Sweetspot

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



62.5300, 46.5737, -4.8498



167.0980, 18.1927, -1.8399



118.8270, 18.8193, -62.9923



80.4480, 10.6251, -1.2699



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



62.5300, 46.5737, -4.8498



56.9790, 72.4814, -7.8746



78.6760, 38.6137, 28.3481



72.2110, 3.3470, -0.1850



20.1890, 60.5458, -6.3048



2.0090, 6.4046, -0.8849



# Inverse Universe

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



91.2900, 27.4650, 57.6277



101.7990, 42.4971, 89.6303



125.3240, -38.6137, -28.3481



74.1900, 1.8783, 4.2184



57.5770, 35.7045, 74.9160

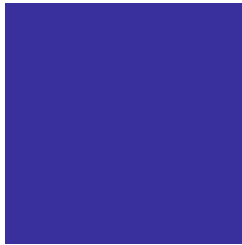


6.0810, 3.9041, 7.8220



# Previews

## White Background



This preview shows how the YUV color 62.5300, 46.5737, -4.8498 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 62.5300, 46.5737, -4.8498 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

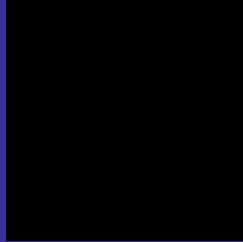
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 62.5300, 46.5737, -4.8498

## Background



This preview shows how black text looks on a background with the YUV color 62.5300, 46.5737, -4.8498.



This preview shows how white text looks on a background with the YUV color 62.5300, 46.5737,

-4.8498.

# 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

62.5300, 46.5737, -4.8498

### Protanopia

52.1430, 39.8625, -45.7294

### Deuteranopia

52.3250, 30.4058, -45.8890



## Tritanopia

51.7430, 12.9447, -45.3786

# Trichromacy



## Original Color

62.5300, 46.5737, -4.8498

## Protanomaly

55.9260, 42.4345, -30.6301

## Deuteranomaly

56.3190, 36.3247, -30.9748

## Tritanomaly

56.0450, 25.1208, -30.7345

# Monochromacy



## Original Color

62.5300, 46.5737, -4.8498

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

62.7560, 16.8823, -1.5400

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 62.5300, 46.5737, -4.8498 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(57, 47, 157)` looks like.

```
.text, #text, p{  
    color:rgb(57, 47, 157)  
}
```

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(57, 47, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 47, 157) }
```

## Border

The CSS property to change the border of an element to YUV 62.5300, 46.5737, -4.8498 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(57, 47, 157) }
```



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

```
.border{ border-color:rgb(57, 47, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 47, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(57, 47, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(57, 47, 157);  
box-shadow:4px 4px 4px 4px rgb(57, 47,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 62.5300, 46.5737, -4.8498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 47, 157) }
```

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

```
.background{ background-color: rgb(57, 47,  
157) }
```

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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