

# Converting Colors

YUV(60.3500, 32.8585, 7.5860)

Have a look what the booklet for  
YUV(60.3500, 32.8585, 7.5860)  
contains.

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# Color

**YUV(60.3500, 32.8585,  
7.5860)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	452B7F
RGB	69, 43, 127
RGB Percent	27%, 17%, 50%
CMY	0.7294, 0.8314, 0.5020
CMYK	0.46, 0.66, 0.00, 0.50
HSL	259°, 49%, 33%
HSV	259°, 66%, 50%
XYZ	7.1489, 4.5253, 20.5753
YIQ	60.3500, -11.4680, 31.6360

# Conversions

## Conversions Part 2

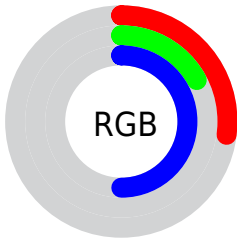
<b>Format</b>	<b>Color</b>
<b>RYB</b>	69, 43, 127
Decimal	4533119
CIELab	25.34, 32.88, -43.50
CIElCh	25, 54.528, 307.087
Yxy	4.5253, 0.2217, 0.1403
Android (android.graphics.Color)	4282723199 (0xFF452B7F)
YUV	60.3500, 32.8585, 7.5860
Hunter-Lab	21.2727, 22.7594, -42.4556

# Details

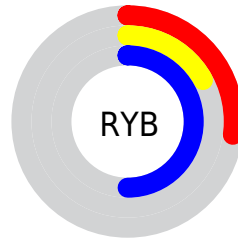
The YUV color **60.3500, 32.8585, 7.5860** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **109.6500, -32.8584, -7.5860**, and the grayscale version is **60.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **109.9420, 35.0316, 10.5749**, and **12.3660, 31.8646, -0.3210** is the 20% darker color. If you saturate the color by 10%, you get **50.0280, 37.9472, 8.7454**, and if you desaturate by 10%, it is **70.6720, 27.7697, 6.4267**.

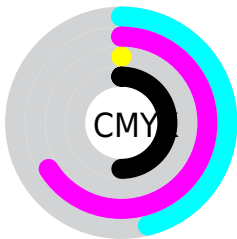
# Distribution



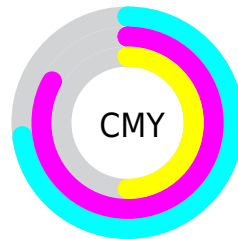
- Red (27%)
- Green (17%)
- Blue (50%)



- Red (27%)
- Yellow (17%)
- Blue (50%)



- Cyan (46%)
- Magenta (66%)
- Yellow (0%)
- Black (50%)



- Cyan (73%)
- Magenta (83%)
- Yellow (50%)
- Black (0%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 60.3500, 32.8585, 7.5860 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 60.3500, 32.8585, 7.5860 by changing the saturation by 10% instead.



60.3500, 32.8585,  
7.5860

60.3500, 32.8585,  
7.5860

255.0000, 0.0000,  
0.0000

36.3990, 31.8483,  
4.9121

109.9420, 35.0316,  
10.5749

12.3660, 31.8646,  
-0.3210

135.7680, 35.6104,  
11.6045

6.0420, 23.1503,  
-5.2988

162.7080, 36.6260,  
12.5341

4.7080, 12.9620,  
-4.1289

188.9810, 32.5474,  
14.0487

0.2280, 0.8736,  
-0.2000

213.5010, 20.4590,  
17.9776

0.0000, 0.0000,  
0.0000

236.2160, 9.2605,

16.4736

253.2390, 0.8682,  
1.5444

60.3500, 32.8585,  
7.5860

60.3500, 32.8585,  
7.5860

50.0280, 37.9472,  
8.7454

70.6720, 27.7697,  
6.4267

40.2930, 42.7466,  
9.3900

80.4070, 22.9703,  
5.7821

30.2700, 47.6879,  
11.1642

90.4300, 18.0290,  
4.0079

26.1390, 49.7245,  
11.2791

100.7520, 12.9403,  
2.8485

111.0740, 7.8515,  
1.6891

■ 120.8090, 3.0522,  
1.0445

■ 130.8320, -1.8892,  
-0.7297

■ 141.1540, -6.9779,  
-1.8891

■ 150.8890,  
-11.7773, -2.5337

# Harmonies

## Analogous

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



53.3970, 44.6673, -46.8292



60.3500, 32.8585, 7.5860



47.9220, 22.2235, 58.8274

# Triad

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



60.3500, 32.8585, 7.5860



56.0160, -27.6159, 37.6970



53.0650, 7.8560, -46.5380

# Complementary

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



60.3500, 32.8585, 7.5860



109.6500, -32.8584, -7.5860

# 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.



46.8750, -10.7844, -41.1094



60.3500, 32.8585, 7.5860



56.1280, -27.6711, 8.6577

# Square

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



60.3500, 32.8585, 7.5860



46.5370, -17.5197, 66.1811



47.0590, -23.2001, -25.4847



57.6250, 25.3279, -50.5371



# Rectangle

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



60.3500, 32.8585, 7.5860



45.4970, 10.1080, 71.4781



47.0590, -23.2001, -25.4847



50.8820, 2.0302, -44.6235

# Sweetspot

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



60.3500, 32.8585, 7.5860



139.7520, 12.9403, 2.8485



87.2090, 19.6170, -38.7713



68.0740, 7.8515, 1.6891



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



60.3500, 32.8585, 7.5860



61.8940, 51.3243, 11.4940



72.6090, 26.8148, 32.7919



58.3960, 2.7628, 0.5297



26.2530, 50.1613, 11.1791



0.0000, 0.0000, 0.0000



# Inverse Universe

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



74.7280, 12.9521, 45.8425



84.4290, 20.0015, 71.5378



97.3910, -26.8148, -32.7919



59.6630, 1.1521, 3.8035



48.3040, 19.5701, 69.8934



0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 60.3500, 32.8585, 7.5860 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 60.3500, 32.8585, 7.5860 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

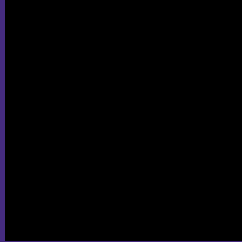
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 60.3500, 32.8585, 7.5860

## Background



This preview shows how black text looks on a background with the YUV color 60.3500, 32.8585, 7.5860.



This preview shows how white text looks on a background with the YUV color 60.3500, 32.8585,



# 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

60.3500, 32.8585, 7.5860

### Protanopia

48.0680, 36.9415, -42.1556

### Deuteranopia

48.5920, 28.7951, -42.6152



## Tritanopia

59.8790, 3.5107, -6.0329

# Trichromacy



## Original Color

60.3500, 32.8585, 7.5860

## Protanomaly

52.7220, 35.1401, -24.3122

## Deuteranomaly

52.7560, 30.1933, -24.3420

## Tritanomaly

60.0720, 14.2615, -0.9401

# Monochromacy



## Original Color

60.3500, 32.8585, 7.5860

## Achromatopsia

60.0000, 0.0000, 0.0000

## Achromatomaly

60.1110, 11.7773, 2.5337

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 60.3500, 32.8585, 7.5860 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(69, 43, 127)` looks like.

```
.text, #text, p{  
    color:rgb(69, 43, 127)  
}
```

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(69, 43, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 43, 127) }
```

## Border

The CSS property to change the border of an element to YUV 60.3500, 32.8585, 7.5860 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(69, 43, 127) }
```



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

```
.border{ border-color:rgb(69, 43, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 43, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 43, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 43, 127);  
box-shadow:4px 4px 4px 4px rgb(69, 43,  
127) }
```

# Background

The CSS property to change the background color of an element to YUV 60.3500, 32.8585, 7.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 43, 127) }
```

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

```
.background{ background-color: rgb(69, 43,  
127) }
```

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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