

# Converting Colors

YUV(65.8730, 33.0936, 25.5444)

Have a look what the booklet for  
YUV(65.8730, 33.0936, 25.5444)  
contains.

<b>YUV(65.8730, 33.0936, 25.5444)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(65.8730, 33.0936,  
25.5444)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F2685
RGB	95, 38, 133
RGB Percent	37%, 15%, 52%
CMY	0.6275, 0.8510, 0.4784
CMYK	0.29, 0.71, 0.00, 0.48
HSL	276°, 56%, 34%
HSV	276°, 71%, 52%
XYZ	9.6461, 5.5126, 22.7459
YIQ	65.8730, 3.4770, 41.6290

# Conversions

## Conversions Part 2

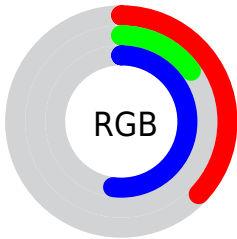
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	95, 38, 133
Decimal	6235781
CIE <sub>Lab</sub>	28.15, 42.93, -42.55
CIE <sub>LCh</sub>	28, 60.448, 315.253
Yxy	5.5126, 0.2545, 0.1454
Android (android.graphics.Color)	4284425861 (0xFF5F2685)
YUV	65.8730, 33.0936, 25.5444
Hunter-Lab	23.4789, 32.2469, -41.0039

# Details

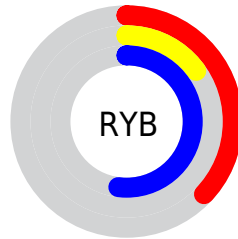
The YUV color **65.8730, 33.0936, 25.5444** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **105.1270, -33.0936, -25.5444**, and the grayscale version is **66.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **117.5250, 34.2512, 27.6036**, and **22.2050, 29.4789, 18.2372** is the 20% darker color. If you saturate the color by 10%, you get **56.7470, 37.5927, 29.1629**, and if you desaturate by 10%, it is **74.9990, 28.5945, 21.9259**.

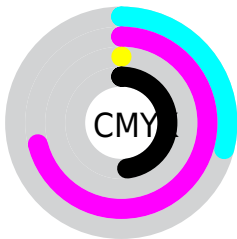
# Distribution



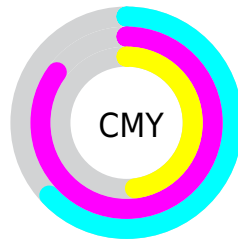
- Red (37%)
- Green (15%)
- Blue (52%)



- Red (37%)
- Yellow (15%)
- Blue (52%)



- Cyan (29%)
- Magenta (71%)
- Yellow (0%)
- Black (48%)



- Cyan (63%)
- Magenta (85%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 65.8730, 33.0936, 25.5444 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 65.8730, 33.0936, 25.5444 by changing the saturation by 10% instead.



65.8730, 33.0936,  
25.5444

65.8730, 33.0936,  
25.5444

255.0000, 0.0000,  
0.0000

38.6990, 33.6724,  
26.5740

117.5250, 34.2512,  
27.6036

22.2050, 29.4789,  
18.2372

144.0520, 34.9774,  
28.0184

13.0050, 22.6755,  
7.0116

171.2910, 35.8455,  
29.5628

5.2780, 15.1459,  
-4.6288

197.0650, 28.5620,  
32.3920

1.3680, 5.2416,  
-1.1997

219.7800, 17.3635,  
30.8879

0.0000, 0.0000,  
0.0000

236.2160, 9.2605,

16.4736

253.2390, 0.8682,  
1.5444

65.8730, 33.0936,  
25.5444

65.8730, 33.0936,  
25.5444

56.7470, 37.5927,  
29.1629

74.9990, 28.5945,  
21.9259

46.7350, 42.5286,  
32.6814

85.0110, 23.6586,  
18.4074

39.0820, 46.3016,  
35.8851

94.1370, 19.1595,  
14.7889

103.2630, 14.6603,  
11.1703

113.2750, 9.7244,  
7.6518

■ 122.4010, 5.2253,  
4.0333

■ 131.5270, 0.7262,  
0.4148

■ 140.9520, -3.9203,  
-2.5889

■ 150.6650, -8.7088,  
-6.7222

# Harmonies

## Analogous

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



56.1670, 50.2037, -49.2585



65.8730, 33.0936, 25.5444



50.7390, 19.8487, 73.8969

# Triad

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



65.8730, 33.0936, 25.5444



63.0710, -31.0940, 33.2637



60.1550, 14.7136, -52.7559

# Complementary

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



65.8730, 33.0936, 25.5444



105.1270, -33.0936, -25.5444

# 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.



53.9820, -6.4001, -47.3422



65.8730, 33.0936, 25.5444



60.5030, -29.8280, 0.4359

# Square

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



65.8730, 33.0936, 25.5444



54.1320, -26.6871, 66.5362



46.9600, -23.1513, -41.1839



64.4700, 33.7853, -56.5402



# Rectangle

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



65.8730, 33.0936, 25.5444



50.0100, 5.4181, 82.4292



46.9600, -23.1513, -41.1839



58.3310, 7.7248, -51.1563

# Sweetspot

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



65.8730, 33.0936, 25.5444



147.6820, 12.4818, 9.9259



71.1360, 30.4990, -29.0603



71.3950, 7.6933, 5.7926



214.0000, 0.0000, 0.0000



87.0000, 0.0000, 0.0000



# Same Dimension

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



65.8730, 33.0936, 25.5444



67.8960, 51.8163, 40.4332



76.2090, 23.5610, 49.8057



61.8800, 2.0312, 1.8592



38.1420, 45.2860, 34.9555



0.9400, 1.0156, 0.9296



# Inverse Universe

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



70.7370, 2.5947, 54.6047



75.3910, 4.2442, 85.6031



94.7910, -23.5610, -49.8057



62.0220, -0.0108, 3.4887



44.7980, 3.5506, 74.7222

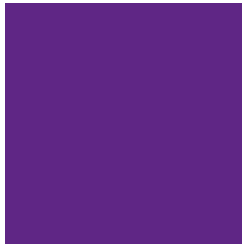


1.0110, -0.0054, 1.7444



# Previews

## White Background



This preview shows how the YUV color 65.8730, 33.0936, 25.5444 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 65.8730, 33.0936, 25.5444 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 65.8730, 33.0936, 25.5444

## Background



This preview shows how black text looks on a background with the YUV color 65.8730, 33.0936, 25.5444.



This preview shows how white text looks on a background with the YUV color 65.8730, 33.0936,



# 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

65.8730, 33.0936, 25.5444

### Protanopia

53.7730, 41.0309, -47.1589

### Deuteranopia

54.1830, 32.4478, -47.5185



## Tritanopia

68.1480, -1.0590, 13.0252

# Trichromacy



## Original Color

65.8730, 33.0936, 25.5444

## Protanomaly

58.2540, 38.3288, -20.3938

## Deuteranomaly

58.7610, 32.6558, -20.8384

## Tritanomaly

67.3840, 11.1497, 17.2032

# Monochromacy



## Original Color

65.8730, 33.0936, 25.5444

## Achromatopsia

66.0000, 0.0000, 0.0000

## Achromatomaly

66.1550, 11.7556, 9.5111

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 65.8730, 33.0936, 25.5444 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(95, 38, 133)` looks like.

```
.text, #text, p{  
    color:rgb(95, 38, 133)  
}
```

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(95, 38, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 38, 133) }
```

## Border

The CSS property to change the border of an element to YUV 65.8730, 33.0936, 25.5444 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(95, 38, 133) }
```



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

```
.border{ border-color:rgb(95, 38, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 38, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 38, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 38, 133);  
box-shadow:4px 4px 4px 4px rgb(95, 38,  
133) }
```

# Background

The CSS property to change the background color of an element to YUV 65.8730, 33.0936, 25.5444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 38, 133) }
```

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

```
.background{ background-color: rgb(95, 38,  
133) }
```

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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