

# Converting Colors

YUV(83.6610, 0.6601, -25.1357)

Have a look what the booklet for  
YUV(83.6610, 0.6601, -25.1357)  
contains.

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# Color

**YUV(83.6610, 0.6601,  
-25.1357)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	376255
RGB	55, 98, 85
RGB Percent	22%, 38%, 33%
CMY	0.7843, 0.6157, 0.6667
CMYK	0.44, 0.00, 0.13, 0.62
HSL	162°, 28%, 30%
HSV	162°, 44%, 38%
XYZ	7.5829, 10.2035, 10.1641
YIQ	83.6610, -21.4550, -13.1590

# Conversions

## Conversions Part 2

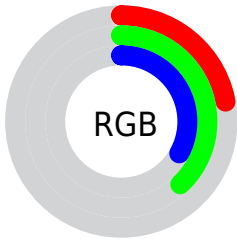
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	55, 80, 98
Decimal	3629653
CIE <sub>Lab</sub>	38.21, -18.40, 2.73
CIE <sub>LCh</sub>	38, 18.598, 171.557
Yxy	10.2035, 0.2713, 0.3651
Android (android.graphics.Color)	4281819733 (0xFF376255)
YUV	83.6610, 0.6601, -25.1357
Hunter-Lab	31.9429, -13.5259, 3.4941

# Details

The YUV color **83.6610, 0.6601, -25.1357** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **69.3390, -0.6601, 25.1357**, and the grayscale version is **84.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.9490, 0.5181, -26.2653**, and **35.9920, 1.9759, -27.1800** is the 20% darker color. If you saturate the color by 10%, you get **80.3290, 0.8238, -30.9835**, and if you desaturate by 10%, it is **86.9930, 0.4965, -19.2879**.

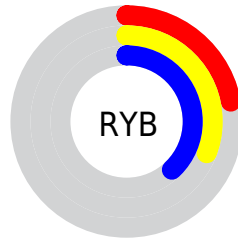
# Distribution



Red (22%)

Green (38%)

Blue (33%)



Red (22%)

Yellow (31%)

Blue (38%)

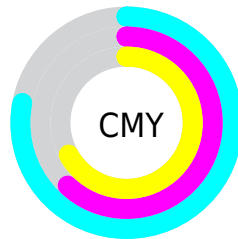


Cyan (44%)

Magenta (0%)

Yellow (13%)

Black (62%)



Cyan (78%)

Magenta (62%)

Yellow (67%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 83.6610, 0.6601, -25.1357 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 83.6610, 0.6601, -25.1357 by changing the saturation by 10% instead.



83.6610, 0.6601,  
-25.1357

83.6610, 0.6601,  
-25.1357

255.0000, 0.0000,  
0.0000

59.7750, 1.0969,  
-25.2357

133.9490, 0.5181,  
-26.2653

35.9920, 1.9759,  
-27.1800

160.5360, 0.2288,  
-26.7801

20.4770, -0.2352,  
-17.9583

187.5360, 0.2288,  
-26.7801

0.0000, 0.0000,  
0.0000

215.1230, -0.0606,  
-27.2949

240.8890, 1.5337,  
-25.3357

250.8140, 2.0637,

-8.6069

■ 83.6610, 0.6601,  
-25.1357

■ 83.6610, 0.6601,  
-25.1357

■ 80.3290, 0.8238,  
-30.9835

■ 86.9930, 0.4965,  
-19.2879

■ 76.9970, 0.9875,  
-36.8314

■ 90.3250, 0.3328,  
-13.4400

■ 73.9640, 1.0037,  
-42.0644

■ 93.3580, 0.3165,  
-8.2070

■ 70.6320, 1.1674,  
-47.9123

■ 96.6900, 0.1528,  
-2.3591

■ 67.3000, 1.3311,  
-53.7601

■ 100.0220, -0.0108,  
3.4887

■ 65.2780, 1.3419,  
-57.2488

■ 103.3540, -0.1745,  
9.3365

■ 106.6860, -0.3382,  
15.1844

■ 109.7190, -0.3545,  
20.4174

■ 113.0510, -0.5181,  
26.2653

# Harmonies

## Analogous

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



85.9740, -7.3822, -12.2552



83.6610, 0.6601, -25.1357



81.7830, 8.9810, -34.0127

# Triad

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



83.6610, 0.6601, -25.1357



90.8220, 13.3988, -4.2289



91.0430, -11.8532, 21.8873

# Complementary

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



83.6610, 0.6601, -25.1357



69.3390, -0.6601, 25.1357

# 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.



91.3730, -5.6069, 25.1059



83.6610, 0.6601, -25.1357



91.9550, 8.4032, 11.4405

# Square

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



83.6610, 0.6601, -25.1357



87.2930, 15.6316, -20.4280



92.1860, 1.3873, 21.7619



89.8910, -14.7363, 13.2506



# Rectangle

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



83.6610, 0.6601, -25.1357



82.2220, 13.2016, -34.3977



92.1860, 1.3873, 21.7619



90.9230, -9.8220, 23.7465

# Sweetspot

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



83.6610, 0.6601, -25.1357



122.2330, -0.1149, -9.8513



84.4270, -14.5075, -13.5295



60.6680, 0.1637, -5.8478



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



83.6610, 0.6601, -25.1357



105.2740, 0.8509, -39.7053



80.4470, 8.6536, -22.3170



46.6900, 0.1528, -2.3591



74.6360, 1.6585, -65.4558



159.9180, 3.4914, -140.2481



# Inverse Universe

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



69.3390, -0.6601, 25.1357



82.6120, -1.2877, 39.8053



72.5530, -8.6536, 22.3170



45.3100, -0.1528, 2.3591



37.3640, -1.6585, 65.4558



79.9680, -3.9282, 140.3481



# Previews

## White Background



This preview shows how the YUV color 83.6610, 0.6601, -25.1357 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 × Fail



# Black Background



This preview shows how the YUV color 83.6610, 0.6601, -25.1357 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

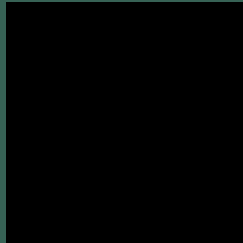
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 83.6610, 0.6601, -25.1357**

## **Background**



This preview shows how black text looks on a background with the YUV color 83.6610, 0.6601, -25.1357.



This preview shows how white text looks on a background with the YUV color 83.6610, 0.6601, -25.1357.

-25.1357.

# 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

83.6610, 0.6601, -25.1357

### Protanopia

89.1700, -4.5208, 3.3589

### Deuteranopia

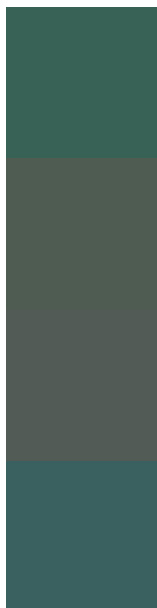
90.5880, -1.7689, 7.3773



## Tritanopia

85.4470, 8.6536, -22.3170

# Trichromacy



## Original Color

83.6610, 0.6601, -25.1357

## Protanomaly

86.9730, -2.4517, -6.9923

## Deuteranomaly

88.0380, -1.0047, -4.4183

## Tritanomaly

84.6380, 5.6015, -23.3615

# Monochromacy



## Original Color

83.6610, 0.6601, -25.1357

## Achromatopsia

84.0000, 0.0000, 0.0000

## Achromatomaly

83.6460, 0.1745, -9.3365

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 83.6610, 0.6601, -25.1357 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(55, 98, 85)` looks like.

```
.text, #text, p{  
    color:rgb(55, 98, 85)  
}
```

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(55, 98, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 98, 85) }
```

## Border

The CSS property to change the border of an element to YUV 83.6610, 0.6601, -25.1357 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(55, 98, 85) }
```



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

```
.border{ border-color:rgb(55, 98, 85) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 98, 85)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 98, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 98, 85);  
box-shadow:4px 4px 4px 4px rgb(55, 98, 85)  
}
```

# Background

The CSS property to change the background color of an element to YUV 83.6610, 0.6601, -25.1357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 98, 85) }
```

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

```
.background{ background-color: rgb(55, 98,  
85) }
```

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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