

# Converting Colors

YUV(82.4590, 3.7177, -25.8355)

Have a look what the booklet for  
YUV(82.4590, 3.7177, -25.8355)  
contains.

<b>YUV(82.4590, 3.7177, -25.8355)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**YUV(82.4590, 3.7177,  
-25.8355)**

# Conversions

Conversions Part 1	
Format	Color
Hex	35605A
RGB	53, 96, 90
RGB Percent	21%, 38%, 35%
CMY	0.7922, 0.6235, 0.6471
CMYK	0.45, 0.00, 0.06, 0.62
HSL	172°, 29%, 29%
HSV	172°, 45%, 38%
XYZ	7.4965, 9.8608, 11.1811
YIQ	82.4590, -23.7020, -10.9820

# Conversions

## Conversions Part 2

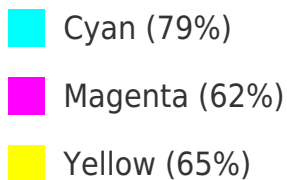
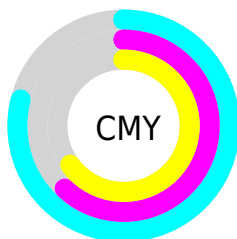
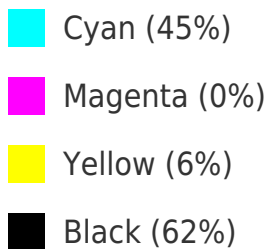
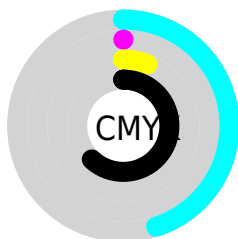
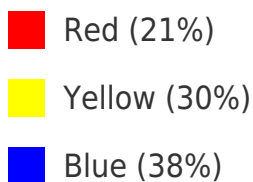
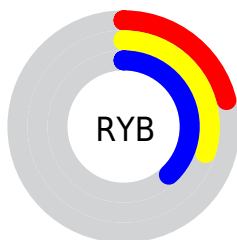
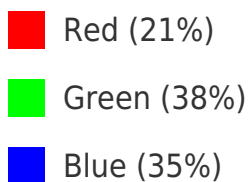
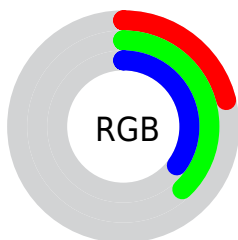
Format	Color
<a href="#">RYB</a>	<a href="#">53, 76, 96</a>
Decimal	<a href="#">3498074</a>
CIELab	<a href="#">37.59, -16.57, -1.26</a>
CIELCh	<a href="#">38, 16.619, 184.339</a>
Yxy	<a href="#">9.8608, 0.2627, 0.3455</a>
Android (android.graphics.Color)	<a href="#">4281688154</a> (0xFF35605A)
YUV	<a href="#">82.4590, 3.7177, -25.8355</a>
Hunter-Lab	<a href="#">31.4019, -12.3404, 0.8704</a>

# Details

The YUV color **82.4590, 3.7177, -25.8355** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **66.5410, -3.7177, 25.8355**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7470, 3.5757, -26.9651**, and **34.4910, 5.1809, -28.4946** is the 20% darker color. If you saturate the color by 10%, you get **79.3550, 4.7550, -31.8833**, and if you desaturate by 10%, it is **85.5630, 2.6804, -19.7878**.

# Distribution




# Brightness & Saturation Gradients


These gradients show how the YUV color 82.4590, 3.7177, -25.8355 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 82.4590, 3.7177, -25.8355 by changing the saturation by 10% instead.




 82.4590, 3.7177,  
-25.8355

 82.4590, 3.7177,  
-25.8355

 255.0000, 0.0000,  
0.0000

 58.5730, 4.1545,  
-25.9355


 132.7470, 3.5757,  
-26.9651


 34.4910, 5.1809,  
-28.4946


 158.7470, 3.5757,  
-26.9651


 19.7590, 2.0908,  
-17.3286

 186.3340, 3.2863,  
-27.4799

 0.0000, 0.0000,  
0.0000

 214.0350, 3.4337,  
-28.0947

 240.9750, 4.4493,  
-27.1651

 250.2160, 2.3585,

-9.8364

■ 82.4590, 3.7177,  
-25.8355

■ 82.4590, 3.7177,  
-25.8355

■ 79.3550, 4.7550,  
-31.8833

■ 85.5630, 2.6804,  
-19.7878

■ 76.4360, 5.2081,  
-37.2164

■ 88.4820, 2.2274,  
-14.4547

■ 73.3320, 6.2453,  
-43.2642

■ 91.5860, 1.1901,  
-8.4069

■ 70.5270, 7.1352,  
-48.6972

■ 94.3910, 0.3002,  
-2.9739

■ 67.3090, 7.7357,  
-54.6450

■ 97.6090, -0.3002,  
2.9739

■ 65.8140, 8.4727,  
-57.7189

■ 100.7130, -1.3375,  
9.0217

■ 103.5180, -2.2274,  
14.4547

■ 106.7360, -2.8278,  
20.4025

■ 109.5410, -3.7177,  
25.8355

# Harmonies

## Analogous

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



84.1630, -4.0244, -15.9290



82.4590, 3.7177, -25.8355



81.8590, 10.4225, -29.6943

# Triad

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



82.4590, 3.7177, -25.8355



89.7690, 10.4669, 2.8336



89.0100, -11.8369, 16.6542

# Complementary

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



82.4590, 3.7177, -25.8355



66.5410, -3.7177, 25.8355

# 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.



89.7810, -7.7800, 22.1171



82.4590, 3.7177, -25.8355



90.3530, 4.7560, 14.5994

# Square

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



82.4590, 3.7177, -25.8355



87.4790, 13.5679, -11.8211



90.6760, -1.8123, 21.3321



87.4280, -12.5360, 7.5176



# Rectangle

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



82.4590, 3.7177, -25.8355



83.2660, 13.1799, -27.4203



90.6760, -1.8123, 21.3321



88.9610, -10.8268, 19.3282

# Sweetspot

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



82.4590, 3.7177, -25.8355



119.9880, 1.4849, -9.6365



80.0350, -13.3283, -18.4477



60.7820, 0.6005, -5.9478



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.



82.4590, 3.7177, -25.8355



103.6420, 6.0925, -40.9050



74.3380, 10.6794, -18.7134



46.8040, 0.5896, -2.4591



76.8020, 9.9576, -67.3554



164.3640, 20.5265, -144.1472



# Inverse Universe

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



66.5410, -3.7177, 25.8355



78.4720, -5.6557, 40.8051



74.6620, -10.6794, 18.7134



45.1960, -0.5896, 2.4591



35.3120, -9.5208, 67.2554



75.5220, -20.9633, 144.2472



# Previews

## White Background



This preview shows how the YUV color 82.4590, 3.7177, -25.8355 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 82.4590, 3.7177, -25.8355 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

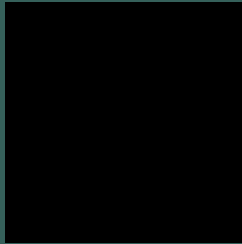
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 82.4590, 3.7177, -25.8355

## Background



This preview shows how black text looks on a background with the YUV color 82.4590, 3.7177, -25.8355.



This preview shows how white text looks on a background with the YUV color 82.4590, 3.7177,



# 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

82.4590, 3.7177, -25.8355

### Protanopia

88.2560, -1.6052, 1.5295

### Deuteranopia

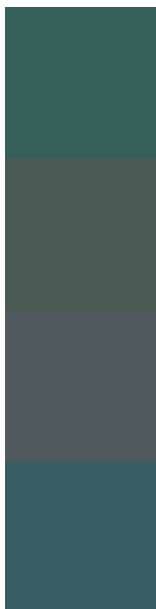
88.7880, 1.5835, 5.4479



## Tritanopia

83.5500, 9.0959, -24.1613

# Trichromacy



## Original Color

82.4590, 3.7177, -25.8355

## Protanomaly

86.3580, 0.3165, -8.2070

## Deuteranomaly

86.5370, 2.2003, -5.7329

## Tritanomaly

83.3820, 7.2067, -24.8910

# Monochromacy



## Original Color

82.4590, 3.7177, -25.8355

## Achromatopsia

82.0000, 0.0000, 0.0000

## Achromatomaly

81.9880, 1.4849, -9.6365

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.4590, 3.7177, -25.8355 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(53, 96, 90)` looks like.

```
.text, #text, p{  
    color:rgb(53, 96, 90)  
}
```

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(53, 96, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 96, 90) }
```

## Border

The CSS property to change the border of an element to YUV 82.4590, 3.7177, -25.8355 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(53, 96, 90) }
```



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

```
.border{ border-color:rgb(53, 96, 90) }
```

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

Here you see how a box with a 4 pixel rgb(53, 96, 90) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 96, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 96, 90);  
box-shadow:4px 4px 4px 4px rgb(53, 96, 90)  
}
```

# Background

The CSS property to change the background color of an element to YUV 82.4590, 3.7177, -25.8355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 96, 90) }
```

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

```
.background{ background-color: rgb(53, 96,  
90) }
```

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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