

# Converting Colors

YUV(83.1190, -40.4847,  
58.6546)

Have a look what the booklet for  
YUV(83.1190, -40.4847, 58.6546)  
contains.

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# Color

**YUV(83.1190, -40.4847,  
58.6546)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	964101
RGB	150, 65, 1
RGB Percent	59%, 25%, 0%
CMY	0.4118, 0.7451, 0.9961
CMYK	0.00, 0.57, 0.99, 0.41
HSL	26°, 99%, 30%
HSV	26°, 99%, 59%
XYZ	14.4735, 10.2668, 1.2476
YIQ	83.1190, 71.2040, -1.8840

# Conversions

## Conversions Part 2

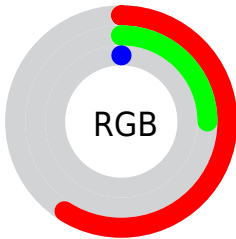
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	150, 113, 1
Decimal	9847041
CIE Lab	38.32, 32.88, 48.56
CIE LCh	38, 58.644, 55.902
Yxy	10.2668, 0.5569, 0.3951
Android (android.graphics.Color)	4288037121 (0xFF964101)
YUV	83.1190, -40.4847, 58.6546
Hunter-Lab	32.0419, 24.5559, 20.1208

# Details

The YUV color **83.1190, -40.4847, 58.6546** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **67.8810, 40.4847, -58.6546**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4510, -40.6483, 64.5025**, and **36.9000, -18.1917, 48.3227** is the 20% darker color. If you saturate the color by 10%, you get **82.4180, -40.6321, 59.2694**, and if you desaturate by 10%, it is **90.1120, -36.5372, 52.5218**.

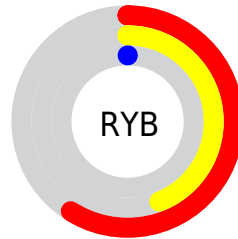
# Distribution



Red (59%)

Green (25%)

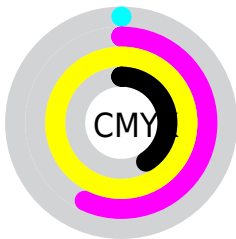
Blue (0%)



Red (59%)

Yellow (44%)

Blue (0%)

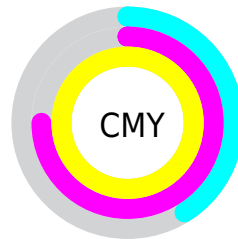


Cyan (0%)

Magenta (57%)

Yellow (99%)

Black (41%)



Cyan (41%)

Magenta (75%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 83.1190, -40.4847, 58.6546 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 83.1190, -40.4847, 58.6546 by changing the saturation by 10% instead.



83.1190, -40.4847,  
58.6546

83.1190, -40.4847,  
58.6546

253.4040, -6.1152,  
1.3997

60.2460, -29.7013,  
53.2813

136.4510,  
-40.6483, 64.5025

36.9000, -18.1917,  
48.3227

163.8320,  
-41.8222, 67.6763

18.8370, -9.2866,  
38.7310

186.7170,  
-40.7795, 59.8842

11.7750, -5.3121,  
23.8763


206.1170,  
-37.5257, 42.8704


0.0000, 0.0000,  
0.0000


225.6310,  
-33.8351, 25.7566


245.8460,


-29.9971, 8.0281


 250.2120,  
-18.3455, 4.1991


 83.1190, -40.4847,  
58.6546


 83.1190, -40.4847,  
58.6546


 82.4180, -40.6321,  
59.2694

 90.1120, -36.5372,  
52.5218

 96.5180, -32.3004,  
46.9037

 103.5110,  
-28.3529, 40.7709

 109.9170,  
-24.1161, 35.1528

 116.9100,  
-20.1686, 29.0199

■ 123.3160,  
-15.9318, 23.4019

■ 130.3090,  
-11.9843, 17.2690

■ 136.7150, -7.7475,  
11.6509

■ 143.7080, -3.8000,  
5.5181

# Harmonies

## Analogous

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



79.6510, -13.6319, 79.2361



83.1190, -40.4847, 58.6546



85.1660, -41.9868, 27.0414

# Triad

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



83.1190, -40.4847, 58.6546



73.9180, 3.9844, -64.8261



88.0680, 43.8435, -15.8456

# Complementary

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



83.1190, -40.4847, 58.6546



67.8810, 40.4847, -58.6546

# 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.



78.7300, 52.8841, -69.0462



83.1190, -40.4847, 58.6546



80.0910, 25.0981, -70.2398

# Square

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



83.1190, -40.4847, 58.6546



66.3430, -17.4241, -58.1828



82.6620, 42.5646, -72.4946



90.5610, 26.3454, 43.3580



# Rectangle

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



83.1190, -40.4847, 58.6546



82.3650, -40.6059, 4.0649



82.6620, 42.5646, -72.4946



71.9310, 54.7570, -63.0835

# Sweetspot

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



83.1190, -40.4847, 58.6546



168.0170, -15.7844, 22.7871



55.4690, 16.0378, 82.9037



81.2700, -9.5001, 13.7952



224.0000, 0.0000, 0.0000



97.0000, 0.0000, 0.0000



# Same Dimension

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



83.1190, -40.4847, 58.6546



106.7270, -52.6164, 76.5384



125.9700, -61.6102, 21.0743



70.8540, -1.9000, 2.7590



75.8950, -37.4162, 54.4661



5.3380, -2.6316, 4.0886



# Inverse Universe

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



67.8810, 40.4847, -58.6546



87.2730, 52.6164, -76.5384



25.0300, 61.6102, -21.0743



70.1460, 1.9000, -2.7590



62.1050, 37.4162, -54.4661



4.6620, 2.6316, -4.0886



# Previews

## White Background



This preview shows how the YUV color 83.1190, -40.4847, 58.6546 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 83.1190, -40.4847, 58.6546 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 83.1190, -40.4847, 58.6546

## Background



This preview shows how black text looks on a background with the YUV color 83.1190, -40.4847, 58.6546.



This preview shows how white text looks on a background with the YUV color 83.1190, -40.4847,



# 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

83.1190, -40.4847, 58.6546

### Protanopia

85.8100, -35.4023, 15.0756

### Deuteranopia

84.8670, -41.8394, 26.4266



## Tritanopia

87.9640, -11.8143, 56.1596

# Trichromacy



## Original Color

83.1190, -40.4847, 58.6546

## Protanomaly

85.0400, -37.4877, 30.6599

## Deuteranomaly

84.0580, -41.4406, 38.5371

## Tritanomaly

86.2170, -22.2920, 56.8147

# Monochromacy



## Original Color

83.1190, -40.4847, 58.6546

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

82.6470, -14.6160, 21.3576

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 83.1190, -40.4847, 58.6546 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(150, 65, 1)` looks like.

```
.text, #text, p{  
    color:rgb(150, 65, 1)  
}
```

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(150, 65, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 65, 1) }
```

## Border

The CSS property to change the border of an element to YUV 83.1190, -40.4847, 58.6546 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(150, 65, 1) }
```



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

```
.border{ border-color:rgb(150, 65, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 65, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 65, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 65, 1);  
box-shadow:4px 4px 4px 4px rgb(150, 65, 1)  
}
```

# Background

The CSS property to change the background color of an element to YUV 83.1190, -40.4847, 58.6546 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 65, 1) }
```

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

```
.background{ background-color: rgb(150, 65,  
1) }
```

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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