

# Converting Colors

YUV(85.3030, -22.8274,  
41.8303)

Have a look what the booklet for  
YUV(85.3030, -22.8274, 41.8303)  
contains.

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# Color

**YUV(85.3030, -22.8274,  
41.8303)**

# Conversions

## Conversions Part 1

Format	Color
Hex	854627
RGB	133, 70, 39
RGB Percent	52%, 27%, 15%
CMY	0.4784, 0.7255, 0.8471
CMYK	0.00, 0.47, 0.71, 0.48
HSL	20°, 55%, 34%
HSV	20°, 71%, 52%
XYZ	12.2292, 9.5133, 3.1112
YIQ	85.3030, 47.4990, 3.7150

# Conversions

## Conversions Part 2

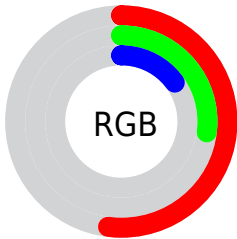
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	133, 85, 39
Decimal	8734247
CIE <sub>Lab</sub>	36.95, 24.17, 30.16
CIE <sub>LCh</sub>	37, 38.646, 51.291
Yxy	9.5133, 0.4920, 0.3828
Android (android.graphics.Color)	4286924327 (0xFF854627)
YUV	85.3030, -22.8274, 41.8303
Hunter-Lab	30.8437, 16.7970, 15.6101

# Details

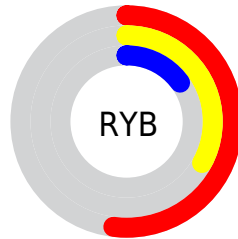
The YUV color **85.3030, -22.8274, 41.8303** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **86.6970, 22.8274, -41.8303**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.3530, -25.3170, 47.0484**, and **37.7090, -18.5905, 36.2122** is the 20% darker color. If you saturate the color by 10%, you get **78.5380, -25.9012, 47.7632**, and if you desaturate by 10%, it is **92.0680, -19.7535, 35.8974**.

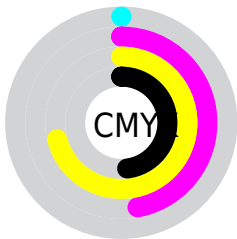
# Distribution



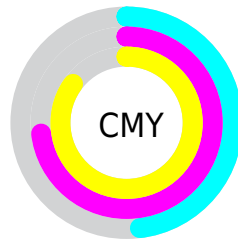
- Red (52%)
- Green (27%)
- Blue (15%)



- Red (52%)
- Yellow (33%)
- Blue (15%)



- Cyan (0%)
- Magenta (47%)
- Yellow (71%)
- Black (48%)




- Cyan (48%)
- Magenta (73%)
- Yellow (85%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 85.3030, -22.8274, 41.8303 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 85.3030, -22.8274, 41.8303 by changing the saturation by 10% instead.





 85.3030, -22.8274,  
41.8303


 85.3030, -22.8274,  
41.8303


255.0000, 0.0000,  
0.0000


 60.9220, -21.6535,  
38.6564


 136.3530,  
-25.3170, 47.0484


 37.7090, -18.5905,  
36.2122


 163.1360,  
-26.1960, 48.9927


 16.7220, -8.2439,  
30.9388

 190.9190,  
-27.0751, 50.9370

 6.8770, -3.3904,  
14.1399

 212.1130,  
-24.7057, 37.6119

 0.0000, 0.0000,  
0.0000

 231.6270,  
-21.0151, 20.4981

 250.6680,

-16.5983, 3.7992

253.9740, -3.9312,  
0.8998

85.3030, -22.8274,  
41.8303

85.3030, -22.8274,  
41.8303

78.5380, -25.9012,  
47.7632

92.0680, -19.7535,  
35.8974

71.6590, -29.4119,  
53.7961

98.9470, -16.2429,  
29.8645

65.5950, -32.3383,  
59.1142

105.7120,  
-13.1690, 23.9316

112.4770,  
-10.0952, 17.9987

119.3560, -6.5845,  
11.9658

■ 125.5340, -3.2213,  
6.5477

■ 132.2990, -0.1474,  
0.6148

■ 139.0640, 2.9264,  
-5.3181

■ 145.9430, 6.4371,  
-11.3510

# Harmonies

## Analogous

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



85.8000, -9.7614, 51.0414



85.3030, -22.8274, 41.8303



83.7170, -30.9195, 23.9272

# Triad

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



85.3030, -22.8274, 41.8303



68.0650, 4.4050, -59.6930



86.1920, 28.9923, -12.4464

# Complementary

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



85.3030, -22.8274, 41.8303



86.6970, 22.8274, -41.8303

# 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.



71.4630, 37.7327, -62.6731



85.3030, -22.8274, 41.8303



72.3000, 18.0931, -63.4071

# Square

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



85.3030, -22.8274, 41.8303



75.9260, -14.7535, -27.9991



73.5030, 30.3180, -64.4621



89.5510, 17.9694, 23.1958



# Rectangle

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



85.3030, -22.8274, 41.8303



82.3300, -30.7287, 9.3576



73.5030, 30.3180, -64.4621



82.0050, 32.5355, -28.9454

# Sweetspot

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



85.3030, -22.8274, 41.8303



154.8080, -8.7793, 15.9544



74.4020, 14.0988, 51.3904



75.6870, -5.2687, 9.9215



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.



85.3030, -22.8274, 41.8303



98.7160, -35.8490, 65.1471



112.3050, -36.1394, 18.1495



62.9680, -1.4632, 2.6591



64.1110, -31.6067, 57.7847



1.4840, -0.7316, 1.3295



# Inverse Universe

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



86.6970, 22.8274, -41.8303



100.8710, 35.5596, -65.6619



59.6950, 36.1394, -18.1495



63.0320, 1.4632, -2.6591



65.8890, 31.6067, -57.7847



1.5160, 0.7316, -1.3295



# Previews

## White Background



This preview shows how the YUV color 85.3030, -22.8274, 41.8303 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 85.3030, -22.8274, 41.8303 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

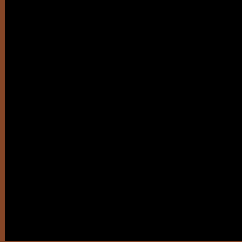
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 85.3030, -22.8274, 41.8303

## Background



This preview shows how black text looks on a background with the YUV color 85.3030, -22.8274, 41.8303.



This preview shows how white text looks on a background with the YUV color 85.3030, -22.8274,



# 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

85.3030, -22.8274, 41.8303

### Protanopia

85.7890, -20.1090, 9.8320

### Deuteranopia

85.4160, -24.3621, 20.6832



## Tritanopia

87.2010, -7.9871, 41.9197

# Trichromacy



## Original Color

85.3030, -22.8274, 41.8303

## Protanomaly

85.3390, -20.8731, 21.6277

## Deuteranomaly

85.2860, -23.8050, 28.6902

## Tritanomaly

86.1210, -13.3707, 41.9899

# Monochromacy



## Original Color

85.3030, -22.8274, 41.8303

## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

85.2100, -8.4845, 14.7248

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.3030, -22.8274, 41.8303 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(133, 70, 39)` looks like.

```
.text, #text, p{  
    color:rgb(133, 70, 39)  
}
```

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(133, 70, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 70, 39) }
```

## Border

The CSS property to change the border of an element to YUV 85.3030, -22.8274, 41.8303 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(133, 70, 39) }
```



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

```
.border{ border-color:rgb(133, 70, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 70, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 70, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 70, 39);  
box-shadow:4px 4px 4px 4px rgb(133, 70,  
39) }
```

# Background

The CSS property to change the background color of an element to YUV 85.3030, -22.8274, 41.8303 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 70, 39) }
```

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

```
.background{ background-color: rgb(133, 70,  
39) }
```

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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