

# Converting Colors

YUV(140.5500, -40.6971,  
80.2017)

Have a look what the booklet for  
YUV(140.5500, -40.6971, 80.2017)  
contains.

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# Color

**YUV(140.5500, -40.6971,  
80.2017)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E86E3A
RGB	232, 110, 58
RGB Percent	91%, 43%, 23%
CMY	0.0902, 0.5686, 0.7725
CMYK	0.00, 0.53, 0.75, 0.09
HSL	18°, 79%, 57%
HSV	18°, 75%, 91%
XYZ	39.6184, 28.6132, 7.4378
YIQ	140.5500, 89.4040, 9.6920

# Conversions

## Conversions Part 2

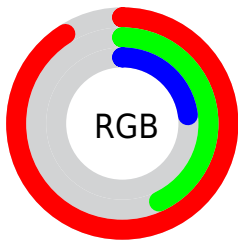
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 132, 58
Decimal	15232570
CIE <sub>Lab</sub>	60.44, 44.02, 50.03
CIE <sub>LCh</sub>	60, 66.643, 48.657
Yxy	28.6132, 0.5236, 0.3781
Android (android.graphics.Color)	4293422650 (0xFFE86E3A)
YUV	140.5500, -40.6971, 80.2017
Hunter-Lab	53.4913, 38.5965, 29.1998

# Details

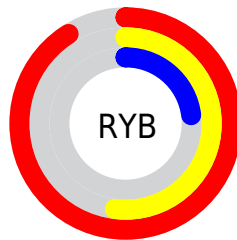
The YUV color **140.5500, -40.6971, 80.2017** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **149.4500, 40.6972, -80.2016**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8250, -37.8747, 61.5435**, and **85.5600, -39.2231, 74.0539** is the 20% darker color. If you saturate the color by 10%, you get **128.5360, -46.1132, 90.7379**, and if you desaturate by 10%, it is **152.5640, -35.2811, 69.6654**.

# Distribution



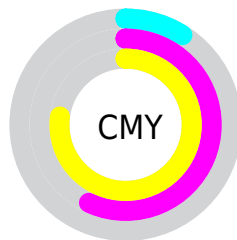
- Red (91%)
- Green (43%)
- Blue (23%)



- Red (91%)
- Yellow (52%)
- Blue (23%)



- Cyan (0%)
- Magenta (53%)
- Yellow (75%)
- Black (9%)




- Cyan (9%)
- Magenta (57%)
- Yellow (77%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 140.5500, -40.6971, 80.2017 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 140.5500, -40.6971, 80.2017 by changing the saturation by 10% instead.




 140.5500,  
-40.6971, 80.2017

 140.5500,  
-40.6971, 80.2017


255.0000, 0.0000,  
0.0000


 113.1690,  
-39.5233, 77.0278


 184.8250,  
-37.8747, 61.5435

 85.5600, -39.2231,  
74.0539


 204.2250,  
-34.6209, 44.5297


 59.1710, -29.1713,  
70.0100


 223.7390,  
-30.9303, 27.4159

 32.5910, -16.0674,  
67.0107

 243.8400,  
-27.5291, 9.7873

 23.6210, -11.6452,  
48.5674

 250.5540,  
-17.0351, 3.8991

 16.3740, -7.0864,  
32.9980

 253.8600, -4.3680,

 2.0930, -1.0318,

0.9998

4.3034

■ 0.0000, 0.0000,  
0.0000

■ 140.5500,  
-40.6971, 80.2017

■ 140.5500,  
-40.6971, 80.2017

■ 128.5360,  
-46.1132, 90.7379

■ 152.5640,  
-35.2811, 69.6654

■ 115.9350,  
-51.2400, 101.7890

■ 165.1650,  
-30.1543, 58.6143

■ 109.8710,  
-54.1664, 107.1071

■ 177.2930,  
-24.3014, 47.9780

■ 189.3070,  
-18.8854, 37.4418

■ 201.3210,  
-13.4693, 26.9055

■ 213.9220, -8.3425,  
15.8544

■ 225.9360, -2.9264,  
5.3181

■ 238.0640, 2.9264,  
-5.3181

■ 248.1230, 3.3904,  
-14.1399

# Harmonies

## Analogous

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



139.1740, -13.3968, 97.1944



140.5500, -40.6971, 80.2017



137.2940, -66.2069, 48.8542

# Triad

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



140.5500, -40.6971, 80.2017



114.7580, 3.0773, -100.6428



140.5520, 56.4229, -37.3181

# Complementary

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



140.5500, -40.6971, 80.2017



149.4500, 40.6972, -80.2016

# 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.



122.4030, 65.3703, -107.3474



140.5500, -40.6971, 80.2017



122.2990, 29.4326, -107.2562

# Square

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



140.5500, -40.6971, 80.2017



123.6460, -30.3915, -52.3095



125.7650, 52.8669, -110.2959



149.8730, 36.5446, 38.6994



# Rectangle

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



140.5500, -40.6971, 80.2017



134.1180, -66.1202, 20.9445



125.7650, 52.8669, -110.2959



115.6580, 68.6956, -100.5551

# Sweetspot

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



140.5500, -40.6971, 80.2017



224.2070, -13.9061, 27.0055



124.2760, 28.9509, 94.4739



108.6340, -8.2006, 16.9840



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



140.5500, -40.6971, 80.2017



134.2730, -53.8716, 105.8776



189.8580, -65.0060, 36.9585



108.9360, -2.9264, 5.3181



84.6320, -41.7236, 82.7607



24.0540, -11.8586, 23.6316



# Inverse Universe

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



149.4500, 40.6972, -80.2016



145.7270, 53.8716, -105.8776



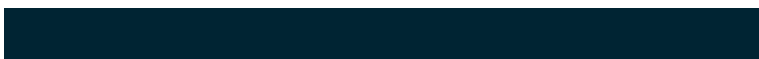
100.1420, 65.0060, -36.9585



109.0640, 2.9264, -5.3181



93.7810, 42.0130, -82.2459



26.9460, 11.8586, -23.6316



# Previews

## White Background



This preview shows how the YUV color 140.5500, -40.6971, 80.2017 looks on a white 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



# Black Background



This preview shows how the YUV color 140.5500, -40.6971, 80.2017 looks on a black 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

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

# YUV 140.5500, -40.6971, 80.2017

## Background



This preview shows how black text looks on a background with the YUV color 140.5500, -40.6971, 80.2017.



This preview shows how white text looks on a background with the YUV color 140.5500, -40.6971, 80.2017.



# 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

140.5500, -40.6971, 80.2017

### Protanopia

142.0060, -35.9920, 17.5347

### Deuteranopia

142.0100, -45.3609, 35.9482



## Tritanopia

143.6680, -16.1053, 79.2212

# Trichromacy



## Original Color

140.5500, -40.6971, 80.2017

## Protanomaly

141.3940, -37.6622, 39.9965

## Deuteranomaly

141.2770, -43.5206, 52.3771

## Tritanomaly

142.3770, -24.8359, 79.4764

# Monochromacy



## Original Color

140.5500, -40.6971, 80.2017

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

140.9900, -14.7851, 28.9498

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.5500, -40.6971, 80.2017 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(232, 110, 58)` looks like.

```
.text, #text, p{  
    color:rgb(232, 110, 58)  
}
```

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(232, 110, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 110, 58) }
```

## Border

The CSS property to change the border of an element to YUV 140.5500, -40.6971, 80.2017 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(232, 110, 58) }
```



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

```
.border{ border-color:rgb(232, 110, 58) }
```

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

Here you see how a box with a 4 pixel rgb(232, 110, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 110, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 110, 58);  
box-shadow:4px 4px 4px 4px rgb(232, 110,  
58) }
```

# Background

The CSS property to change the background color of an element to YUV 140.5500, -40.6971, 80.2017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 110, 58) }
```

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

```
.background{ background-color: rgb(232,  
110, 58) }
```

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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