

# Converting Colors

YUV(141.3090, -35.1553,  
76.0280)

Have a look what the booklet for  
YUV(141.3090, -35.1553, 76.0280)  
contains.

<b>YUV(141.3090, -35.1553, 76.0280)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(141.3090, -35.1553,  
76.0280)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E46F46
RGB	228, 111, 70
RGB Percent	89%, 44%, 27%
CMY	0.1059, 0.5647, 0.7255
CMYK	0.00, 0.51, 0.69, 0.11
HSL	16°, 75%, 58%
HSV	16°, 69%, 89%
XYZ	38.7848, 28.3051, 9.2136
YIQ	141.3090, 82.8930, 12.0530

# Conversions

## Conversions Part 2

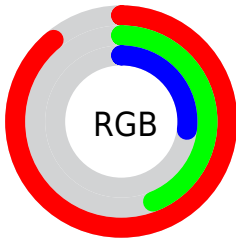
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	228, 125, 70
Decimal	14970694
CIE <sub>Lab</sub>	60.16, 42.57, 43.51
CIE <sub>LCh</sub>	60, 60.873, 45.626
Yxy	28.3051, 0.5083, 0.3710
Android (android.graphics.Color)	4293160774 (0xFFE46F46)
YUV	141.3090, -35.1553, 76.0280
Hunter-Lab	53.2025, 37.0229, 26.9739

# Details

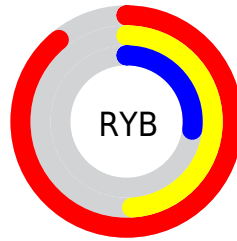
The YUV color **141.3090, -35.1553, 76.0280** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **156.6910, 35.1553, -76.0280**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.7800, -32.9225, 59.8289**, and **86.8890, -31.4973, 69.3803** is the 20% darker color. If you saturate the color by 10%, you get **128.7080, -40.2820, 87.0791**, and if you desaturate by 10%, it is **153.9100, -30.0286, 64.9769**.

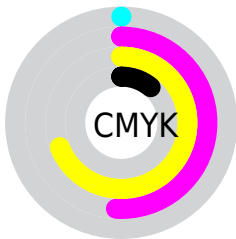
# Distribution



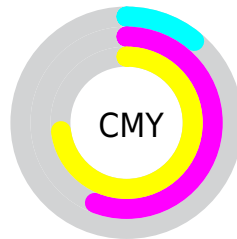
- Red (89%)
- Green (44%)
- Blue (27%)



- Red (89%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (69%)
- Black (11%)




- Cyan (11%)
- Magenta (56%)
- Yellow (73%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 141.3090, -35.1553, 76.0280 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 141.3090, -35.1553, 76.0280 by changing the saturation by 10% instead.





 141.3090,  
-35.1553, 76.0280

 141.3090,  
-35.1553, 76.0280


255.0000, 0.0000,  
0.0000


 114.0420,  
-33.5447, 72.7542


 186.7800,  
-32.9225, 59.8289

 86.8890, -31.4973,  
69.3803


 206.1800,  
-29.6687, 42.8151

 59.4480, -29.3079,  
67.1361


 225.6940,  
-25.9781, 25.7014

 31.9930, -15.7725,  
65.7811

 245.9090,  
-22.1401, 7.9728

 23.0230, -11.3503,  
47.3378

 252.0360,  
-11.3567, 2.5994

 15.7760, -6.7916,  
31.7684

 0.0000, 0.0000,

0.0000

■ 141.3090,  
-35.1553, 76.0280

■ 141.3090,  
-35.1553, 76.0280

■ 128.7080,  
-40.2820, 87.0791

■ 153.9100,  
-30.0286, 64.9769

■ 116.1070,  
-45.4088, 98.1302

■ 166.5110,  
-24.9019, 53.9259

■ 103.6200,  
-50.0987, 109.0813

■ 178.9980,  
-20.2120, 42.9748

■ 102.8050,  
-50.6829, 109.7960

■ 191.5990,  
-15.0853, 31.9237

■ 203.6130, -9.6692,  
21.3874

■ 216.2140, -4.5425,  
10.3363

■ 228.8150, 0.5842,  
-0.7148

■ 241.3020, 5.2741,  
-11.6659

■ 246.9270, 3.9800,  
-16.5990

# Harmonies

## Analogous

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



141.1020, -10.8963, 88.4875



141.3090, -35.1553, 76.0280



139.6110, -53.5452, 47.6992

# Triad

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



141.3090, -35.1553, 76.0280



112.5410, 2.1983, -98.6985



138.9600, 54.2497, -40.3069

# Complementary

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



141.3090, -35.1553, 76.0280



156.6910, 35.1553, -76.0280

# 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.



121.1320, 63.0389, -106.2328



141.3090, -35.1553, 76.0280



119.9850, 25.6434, -105.2268

# Square

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



141.3090, -35.1553, 76.0280



127.9080, -31.0136, -39.3843



123.8100, 47.9147, -108.5814



149.1770, 35.4087, 29.6628



# Rectangle

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



141.3090, -35.1553, 76.0280



136.8330, -57.1057, 22.9485



123.8100, 47.9147, -108.5814



120.6870, 64.7373, -90.9335

# Sweetspot

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



141.3090, -35.1553, 76.0280



225.3640, -12.0115, 25.9908



130.8080, 28.6887, 85.2374



110.2640, -7.0322, 15.5545



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.



141.3090, -35.1553, 76.0280



138.6730, -47.1668, 102.0188



187.0950, -57.7278, 35.8737



108.3490, -2.6371, 5.8329



80.5230, -39.6978, 86.3643



22.8800, -11.2798, 24.6612

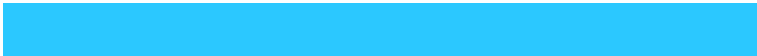


# Inverse Universe

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



156.6910, 35.1553, -76.0280



159.3270, 47.1668, -102.0188



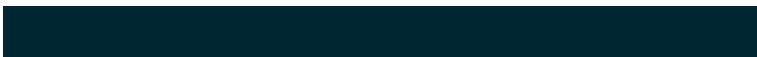
111.4920, 57.4384, -36.3885



109.6510, 2.6371, -5.8329



97.8900, 39.9872, -85.8495

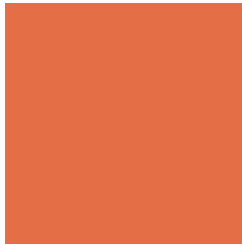


28.1200, 11.2798, -24.6612



# Previews

## White Background



This preview shows how the YUV color 141.3090, -35.1553, 76.0280 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 141.3090, -35.1553, 76.0280 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 141.3090, -35.1553, 76.0280

## Background



This preview shows how black text looks on a background with the YUV color 141.3090, -35.1553, 76.0280.



This preview shows how white text looks on a background with the YUV color 141.3090, -35.1553,



# 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

141.3090, -35.1553, 76.0280

### Protanopia

142.7760, -30.4556, 15.1054

### Deuteranopia

142.1220, -38.5141, 33.2190



## Tritanopia

143.8740, -15.2209, 75.5325

# Trichromacy



## Original Color

141.3090, -35.1553, 76.0280

## Protanomaly

142.1640, -32.1259, 37.5672

## Deuteranomaly

141.5630, -37.2526, 48.6182

## Tritanomaly

142.9250, -22.6410, 75.4878

# Monochromacy



## Original Color

141.3090, -35.1553, 76.0280

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

141.1470, -12.8905, 27.9351

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.3090, -35.1553, 76.0280 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(228, 111, 70)` looks like.

```
.text, #text, p{  
    color:rgb(228, 111, 70)  
}
```

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(228, 111, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 111, 70) }
```

## Border

The CSS property to change the border of an element to YUV 141.3090, -35.1553, 76.0280 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(228, 111, 70) }
```



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

```
.border{ border-color:rgb(228, 111, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 111, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 111, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 111, 70);  
box-shadow:4px 4px 4px 4px rgb(228, 111,  
70) }
```

# Background

The CSS property to change the background color of an element to YUV 141.3090, -35.1553, 76.0280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 111, 70) }
```

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

```
.background{ background-color: rgb(228,  
111, 70) }
```

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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