

# Converting Colors

YUV(139.7110, -34.8605,  
74.7985)

Have a look what the booklet for  
YUV(139.7110, -34.8605, 74.7985)  
contains.

<b>YUV(139.7110, -34.8605, 74.7985)</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(139.7110, -34.8605,  
74.7985)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E16E45
RGB	225, 110, 69
RGB Percent	88%, 43%, 27%
CMY	0.1176, 0.5686, 0.7294
CMYK	0.00, 0.51, 0.69, 0.12
HSL	16°, 72%, 58%
HSV	16°, 69%, 88%
XYZ	37.7014, 27.5891, 8.9684
YIQ	139.7110, 81.7010, 11.6290

# Conversions

## Conversions Part 2

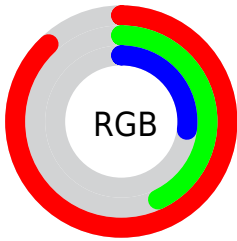
<b>Format</b>	<b>Color</b>
<b>RYB</b>	225, 125, 69
Decimal	14773829
CIELab	59.52, 41.88, 43.18
CIELCh	60, 60.151, 45.878
Yxy	27.5891, 0.5077, 0.3715
Android (android.graphics.Color)	4292963909 (0xFFE16E45)
YUV	139.7110, -34.8605, 74.7985
Hunter-Lab	52.5253, 36.2038, 26.6443

# Details

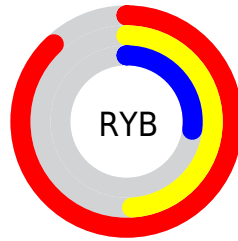
The YUV color **139.7110, -34.8605, 74.7985** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **154.2890, 34.8605, -74.7985**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.0790, -33.0699, 60.4437**, and **85.5900, -31.3499, 68.7656** is the 20% darker color. If you saturate the color by 10%, you get **127.1100, -39.9872, 85.8495**, and if you desaturate by 10%, it is **152.1980, -30.1706, 63.8474**.

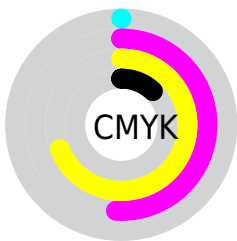
# Distribution



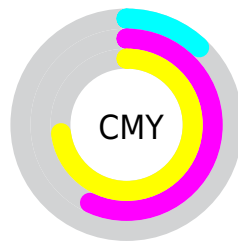
- Red (88%)
- Green (43%)
- Blue (27%)



- Red (88%)
- Yellow (49%)
- Blue (27%)



- Cyan (0%)
- Magenta (51%)
- Yellow (69%)
- Black (12%)



- Cyan (12%)
- Magenta (57%)
- Yellow (73%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 139.7110, -34.8605, 74.7985 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 139.7110, -34.8605, 74.7985 by changing the saturation by 10% instead.




 139.7110,  
-34.8605, 74.7985


 139.7110,  
-34.8605, 74.7985


255.0000, 0.0000,  
0.0000

 112.4440,  
-33.2499, 71.5246


 186.0790,  
-33.0699, 60.4437

 85.5900, -31.3499,  
68.7656


 205.4790,  
-29.8161, 43.4299


 58.8500, -29.0130,  
65.9066


 224.9930,  
-26.1255, 26.3161

 31.0960, -15.3303,  
63.9368

 245.0940,  
-22.7243, 8.6876

 22.4250, -11.0555,  
46.1083

 251.9220,  
-11.7935, 2.6994

 15.1780, -6.4968,  
30.5389

 0.0000, 0.0000,

0.0000

■ 139.7110,  
-34.8605, 74.7985

■ 139.7110,  
-34.8605, 74.7985

■ 127.1100,  
-39.9872, 85.8495

■ 152.1980,  
-30.1706, 63.8474

■ 115.2100,  
-44.9665, 96.2858

■ 164.2120,  
-24.7545, 53.3111

■ 102.6090,  
-50.0932, 107.3369

■ 176.6990,  
-20.0646, 42.3600

■ 101.9080,  
-50.2406, 107.9517

■ 188.7130,  
-14.6485, 31.8237

■ 201.2000, -9.9586,  
20.8726

■ 213.8010, -4.8319,  
9.8215

■ 225.8150, 0.5842,  
-0.7148

■ 238.3020, 5.2741,  
-11.6659

■ 246.0300, 4.4222,  
-18.4433

# Harmonies

## Analogous

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



139.9770, -11.3277, 86.8432



139.7110, -34.8605, 74.7985



138.1270, -52.8136, 46.3696

# Triad

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



139.7110, -34.8605, 74.7985



111.2530, 2.3403, -97.5689



138.0310, 53.2287, -39.4922

# Complementary

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



139.7110, -34.8605, 74.7985



154.2890, 34.8605, -74.7985

# 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.



119.6160, 62.3073, -104.9032



139.7110, -34.8605, 74.7985



118.1100, 26.0748, -103.5825

# Square

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



139.7110, -34.8605, 74.7985



126.4350, -30.2875, -38.9695



122.2940, 47.1831, -107.2518



147.9490, 34.5351, 29.8627



# Rectangle

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



139.7110, -34.8605, 74.7985



135.0610, -56.2321, 22.7485



122.2940, 47.1831, -107.2518



121.2640, 62.9738, -85.3005

# Sweetspot

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



139.7110, -34.8605, 74.7985



225.9510, -12.3008, 25.4760



128.9820, 28.1099, 84.2078



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.



139.7110, -34.8605, 74.7985



139.2600, -47.4562, 101.5040



184.3230, -56.8542, 35.6737



106.0500, -2.4896, 5.2182



79.6260, -39.2556, 84.5200



21.9830, -10.8376, 22.8169



# Inverse Universe

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



154.2890, 34.8605, -74.7985



158.7400, 47.4562, -101.5040



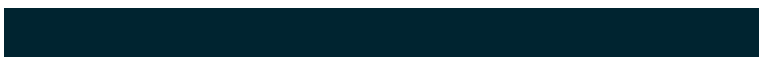
109.6770, 56.8542, -35.6737



106.9500, 2.4897, -5.2181



96.3740, 39.2556, -84.5200

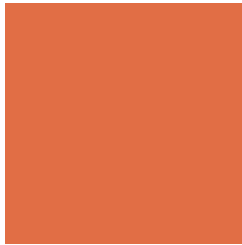


26.6040, 10.5482, -23.3317



# Previews

## White Background



This preview shows how the YUV color 139.7110, -34.8605, 74.7985 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 139.7110, -34.8605, 74.7985 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 139.7110, -34.8605, 74.7985

## Background



This preview shows how black text looks on a background with the YUV color 139.7110, -34.8605, 74.7985.



This preview shows how white text looks on a background with the YUV color 139.7110, -34.8605, 74.7985.

74.7985.

# 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

139.7110, -34.8605, 74.7985

### Protanopia

140.8900, -30.0188, 15.0055

### Deuteranopia

140.8230, -38.3667, 32.6042



## Tritanopia

142.2760, -14.9261, 74.3029

# Trichromacy



## Original Color

139.7110, -34.8605, 74.7985

## Protanomaly

140.5660, -31.8310, 36.3376

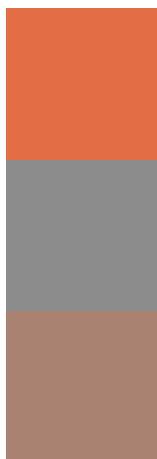
## Deuteranomaly

140.2640, -37.1052, 48.0035

## Tritanomaly

141.3270, -22.3462, 74.2582

# Monochromacy



## Original Color

139.7110, -34.8605, 74.7985

## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

139.8480, -12.7431, 27.3203

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.7110, -34.8605, 74.7985 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(225, 110, 69)` looks like.

```
.text, #text, p{  
    color:rgb(225, 110, 69)  
}
```

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(225, 110, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 110, 69) }
```

## Border

The CSS property to change the border of an element to YUV 139.7110, -34.8605, 74.7985 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(225, 110, 69) }
```



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

```
.border{ border-color:rgb(225, 110, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 110, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 110, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 110, 69);  
box-shadow:4px 4px 4px 4px rgb(225, 110,  
69) }
```

# Background

The CSS property to change the background color of an element to YUV 139.7110, -34.8605, 74.7985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 110, 69) }
```

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

```
.background{ background-color: rgb(225,  
110, 69) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor