

# Converting Colors

YUV(143.7150, -30.9185,  
70.4099)

Have a look what the booklet for  
YUV(143.7150, -30.9185, 70.4099)  
contains.

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# Color

**YUV(143.7150, -30.9185,  
70.4099)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E07351
RGB	224, 115, 81
RGB Percent	88%, 45%, 32%
CMY	0.1216, 0.5490, 0.6824
CMYK	0.00, 0.49, 0.64, 0.12
HSL	14°, 70%, 60%
HSV	14°, 64%, 88%
XYZ	38.3564, 28.7028, 11.3032
YIQ	143.7150, 75.8780, 12.5340

# Conversions

## Conversions Part 2

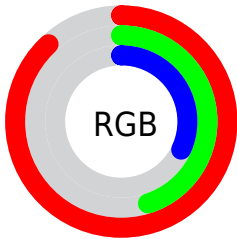
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	224, 126, 81
Decimal	14709585
CIE <sub>Lab</sub>	60.52, 39.67, 37.93
CIE <sub>LCh</sub>	61, 54.886, 43.718
Yxy	28.7028, 0.4895, 0.3663
Android (android.graphics.Color)	4292899665 (0xFFE07351)
YUV	143.7150, -30.9185, 70.4099
Hunter-Lab	53.5750, 34.0386, 24.9936

# Details

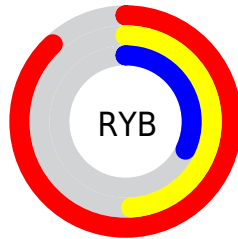
The YUV color **143.7150, -30.9185, 70.4099** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **161.2850, 30.9185, -70.4099**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3820, -29.2753, 56.6700**, and **90.1810, -27.6972, 63.8623** is the 20% darker color. If you saturate the color by 10%, you get **131.2280, -35.6084, 81.3610**, and if you desaturate by 10%, it is **156.2020, -26.2286, 59.4588**.

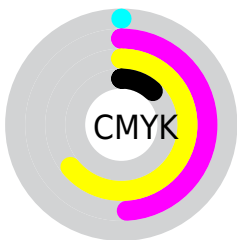
# Distribution



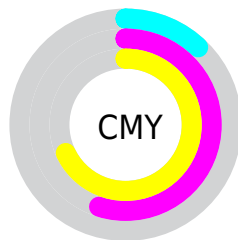
- Red (88%)
- Green (45%)
- Blue (32%)



- Red (88%)
- Yellow (49%)
- Blue (32%)



- Cyan (0%)
- Magenta (49%)
- Yellow (64%)
- Black (12%)



- Cyan (12%)
- Magenta (55%)
- Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.7150, -30.9185, 70.4099 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 143.7150, -30.9185, 70.4099 by changing the saturation by 10% instead.



143.7150,  
-30.9185, 70.4099

143.7150,  
-30.9185, 70.4099

255.0000, 0.0000,  
0.0000

116.4480,  
-29.3079, 67.1361

190.3820,  
-29.2753, 56.6700

90.1810, -27.6972,  
63.8623

209.8960,  
-25.5847, 39.5562

63.7400, -25.5078,  
61.6180

229.4100,  
-21.8941, 22.4424

35.5040, -17.5035,  
60.9480

249.6250,  
-18.0561, 4.7139

22.7240, -11.2029,  
46.7231

253.4040, -6.1152,  
1.3997

15.4770, -6.6442,  
31.1537

0.0000, 0.0000,

0.0000

■ 143.7150,  
-30.9185, 70.4099

■ 143.7150,  
-30.9185, 70.4099

■ 131.2280,  
-35.6084, 81.3610

■ 156.2020,  
-26.2286, 59.4588

■ 118.6270,  
-40.7351, 92.4121

■ 168.8030,  
-21.1019, 48.4078

■ 106.1400,  
-45.4250, 103.3632

■ 181.2900,  
-16.4120, 37.4567

■ 98.0870, -48.3569,  
110.4257

■ 193.8910,  
-11.2853, 26.4056

■ 206.3780, -6.5954,  
15.4545

■ 218.8650, -1.9054,  
4.5034

■ 232.0530, 2.9319,  
-7.0625

■ 243.9700, 5.4378,  
-17.5137

■ 245.7310, 4.5696,  
-19.0581

# Harmonies

## Analogous

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



144.5030, -9.1220, 79.3659



143.7150, -30.9185, 70.4099



142.2500, -45.9723, 45.3847

# Triad

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



143.7150, -30.9185, 70.4099



111.9540, 2.4877, -98.1837



140.8910, 48.8607, -38.4924

# Complementary

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



143.7150, -30.9185, 70.4099



161.2850, 30.9185, -70.4099

# 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.



120.5790, 58.3816, -105.7478



143.7150, -30.9185, 70.4099



118.8280, 23.7488, -104.2122

# Square

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



143.7150, -30.9185, 70.4099



132.3050, -29.7304, -30.9625



122.1970, 44.2729, -107.1668



150.3350, 32.3728, 23.3852



# Rectangle

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



143.7150, -30.9185, 70.4099



139.4230, -48.5225, 23.3080



122.1970, 44.2729, -107.1668



129.8160, 55.7997, -70.8756

# Sweetspot

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



143.7150, -30.9185, 70.4099



227.8090, -10.2588, 23.8465



136.2970, 26.9686, 76.9155



111.0790, -6.4479, 14.8397



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.



143.7150, -30.9185, 70.4099



144.6060, -42.2038, 96.8155



185.3920, -51.4653, 33.8592



106.0500, -2.4896, 5.2182



77.2780, -38.0981, 86.5792



21.3960, -10.5482, 23.3317



# Inverse Universe

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



161.2850, 30.9185, -70.4099



168.8070, 42.4931, -96.3007



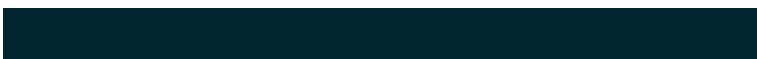
119.6080, 51.4653, -33.8592



107.5370, 2.2003, -5.7329



98.7220, 38.0981, -86.5792

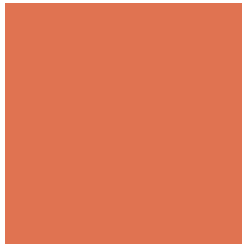


27.1910, 10.2588, -23.8465



# Previews

## White Background



This preview shows how the YUV color 143.7150, -30.9185, 70.4099 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 143.7150, -30.9185, 70.4099 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 143.7150, -30.9185, 70.4099

## Background



This preview shows how black text looks on a background with the YUV color 143.7150, -30.9185, 70.4099.



This preview shows how white text looks on a background with the YUV color 143.7150, -30.9185, 70.4099.

70.4099.

# 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

143.7150, -30.9185, 70.4099

### Protanopia

144.0300, -25.6508, 14.0057

### Deuteranopia

144.0770, -33.5620, 31.5045



## Tritanopia

145.5960, -13.6048, 70.5143

# Trichromacy



## Original Color

143.7150, -30.9185, 70.4099

## Protanomaly

143.9940, -27.6050, 34.2083

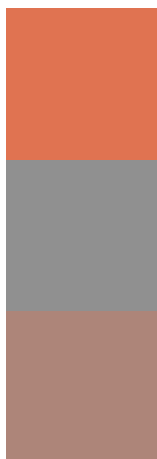
## Deuteranomaly

143.8060, -32.4424, 45.7741

## Tritanomaly

144.9890, -19.7146, 70.1696

# Monochromacy



## Original Color

143.7150, -30.9185, 70.4099

## Achromatopsia

144.0000, 0.0000, 0.0000

## Achromatomaly

143.5920, -11.1379, 25.7908

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.7150, -30.9185, 70.4099 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(224, 115, 81)` looks like.

```
.text, #text, p{  
    color:rgb(224, 115, 81)  
}
```

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(224, 115, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 115, 81) }
```

## Border

The CSS property to change the border of an element to YUV 143.7150, -30.9185, 70.4099 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(224, 115, 81) }
```



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

```
.border{ border-color:rgb(224, 115, 81) }
```

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

Here you see how a box with a 4 pixel rgb(224, 115, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 115, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 115, 81);  
box-shadow:4px 4px 4px 4px rgb(224, 115,  
81) }
```

# Background

The CSS property to change the background color of an element to YUV 143.7150, -30.9185, 70.4099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 115, 81) }
```

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

```
.background{ background-color: rgb(224,  
115, 81) }
```

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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