

# Converting Colors

YUV(143.9730, -55.6957,  
84.2157)

Have a look what the booklet for  
YUV(143.9730, -55.6957, 84.2157)  
contains.

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# Color

**YUV(143.9730, -55.6957,  
84.2157)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F0751F
RGB	240, 117, 31
RGB Percent	94%, 46%, 12%
CMY	0.0588, 0.5412, 0.8784
CMYK	0.00, 0.51, 0.87, 0.06
HSL	25°, 87%, 53%
HSV	25°, 87%, 94%
XYZ	42.5438, 31.3468, 5.1046
YIQ	143.9730, 100.9140, -0.6700

# Conversions

## Conversions Part 2

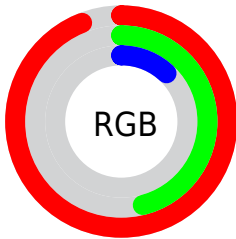
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 177, 31
Decimal	15758623
CIE <sub>Lab</sub>	62.80, 42.82, 63.75
CIE <sub>LCh</sub>	63, 76.793, 56.108
Yxy	31.3468, 0.5386, 0.3968
Android (android.graphics.Color)	4293948703 (0xFFFF0751F)
YUV	143.9730, -55.6957, 84.2157
Hunter-Lab	55.9882, 37.6576, 33.7861

# Details

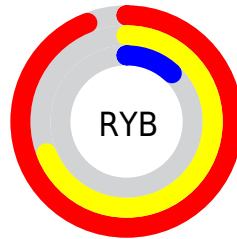
The YUV color **143.9730, -55.6957, 84.2157** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **127.0270, 55.6957, -84.2157**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.3120, -49.9468, 60.2394**, and **91.0780, -44.9015, 75.3536** is the 20% darker color. If you saturate the color by 10%, you get **133.0190, -62.1274, 93.8223**, and if you desaturate by 10%, it is **154.9270, -49.2640, 74.6090**.

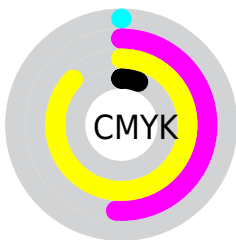
# Distribution



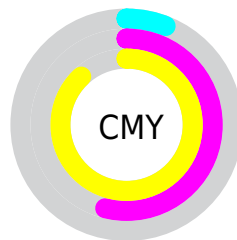
- Red (94%)
- Green (46%)
- Blue (12%)



- Red (94%)
- Yellow (69%)
- Blue (12%)



- Cyan (0%)
- Magenta (51%)
- Yellow (87%)
- Black (6%)



- Cyan (6%)
- Magenta (54%)
- Yellow (88%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.9730, -55.6957, 84.2157 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 143.9730, -55.6957, 84.2157 by changing the saturation by 10% instead.



143.9730,  
-55.6957, 84.2157

143.9730,  
-55.6957, 84.2157

255.0000, 0.0000,  
0.0000

115.6090,  
-56.9952, 81.0269

186.3120,  
-49.9468, 60.2394

91.0780, -44.9015,  
75.3536

205.8260,  
-46.2562, 43.1256

66.5470, -32.8077,  
69.6803

225.9270,  
-42.8550, 25.4970

37.9070, -18.6882,  
67.6106

244.8540,  
-38.8750, 8.8980

25.4150, -12.5296,  
52.2560

248.0460,  
-26.6447, 6.0987

17.4560, -8.1128,  
35.5571

251.3520,

7.2900, -3.1010,

-13.9775, 3.1993

14.6547

254.6580, -1.3104,  
0.2999

■ 0.0000, 0.0000,  
0.0000

■ 143.9730,  
-55.6957, 84.2157

■ 143.9730,  
-55.6957, 84.2157

■ 133.0190,  
-62.1274, 93.8223

■ 154.9270,  
-49.2640, 74.6090

■ 129.8730,  
-64.0274, 96.5814

■ 165.8810,  
-42.8323, 65.0024

■ 176.8350,  
-36.4007, 55.3957

■ 187.7890,  
-29.9690, 45.7890

■ 199.3300,  
-23.8267, 35.6676

■ 210.2840,  
-17.3950, 26.0609

■ 221.2380,  
-10.9633, 16.4543

■ 232.1920, -4.5317,  
6.8476

■ 243.1460, 1.9000,  
-2.7590

# Harmonies

## Analogous

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



137.0840, -20.2544, 103.4123



143.9730, -55.6957, 84.2157



142.5120, -70.2584, 41.6470

# Triad

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



143.9730, -55.6957, 84.2157



122.9080, 8.9194, -107.7903



148.6470, 52.4320, -17.2304

# Complementary

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



143.9730, -55.6957, 84.2157



127.0270, 55.6957, -84.2157

# 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.



124.7510, 64.2128, -109.4066



143.9730, -55.6957, 84.2157



130.7740, 39.0584, -114.6888

# Square

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



143.9730, -55.6957, 84.2157



111.8790, -20.6463, -98.1179



132.9690, 60.1613, -116.6138



153.5430, 37.2003, 61.7908



# Rectangle

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



143.9730, -55.6957, 84.2157



138.1720, -68.1188, 8.6192



132.9690, 60.1613, -116.6138



134.4950, 59.4090, -61.8241

# Sweetspot

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



143.9730, -55.6957, 84.2157



224.5830, -17.5424, 26.6757



107.7410, 23.7917, 115.9911



109.3520, -10.5265, 16.3543



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.



143.9730, -55.6957, 84.2157



137.8800, -67.9748, 102.7142



203.8470, -85.2136, 31.7062



114.5230, -3.2158, 4.8033



99.6280, -49.1166, 73.9942



30.2450, -14.9108, 22.5871

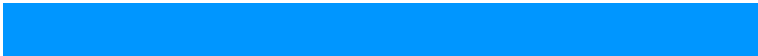


# Inverse Universe

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



127.0270, 55.6957, -84.2157



117.1200, 67.9748, -102.7142



67.1530, 85.2136, -31.7062



113.4770, 3.2158, -4.8033



84.3720, 49.1166, -73.9942



25.7550, 14.9108, -22.5871



# Previews

## White Background



This preview shows how the YUV color 143.9730, -55.6957, 84.2157 looks on a white 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



# Black Background



This preview shows how the YUV color 143.9730, -55.6957, 84.2157 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 ✓ Pass

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

# YUV 143.9730, -55.6957, 84.2157

## Background



This preview shows how black text looks on a background with the YUV color 143.9730, -55.6957, 84.2157.



This preview shows how white text looks on a background with the YUV color 143.9730, -55.6957, 84.2157.



# 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

143.9730, -55.6957, 84.2157

### Protanopia

145.5000, -52.0115, 22.3635

### Deuteranopia

143.0330, -67.0643, 43.8211



## Tritanopia

149.9780, -16.2582, 81.5803

# Trichromacy



## Original Color

143.9730, -55.6957, 84.2157

## Protanomaly

145.0020, -53.2450, 44.7252

## Deuteranomaly

143.2720, -62.7451, 58.5205

## Tritanomaly

147.9060, -30.5197, 82.5204

# Monochromacy



## Original Color

143.9730, -55.6957, 84.2157

## Achromatopsia

144.0000, 0.0000, 0.0000

## Achromatomaly

143.9210, -20.1741, 30.7643

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.9730, -55.6957, 84.2157 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(240, 117, 31)` looks like.

```
.text, #text, p{  
    color:rgb(240, 117, 31)  
}
```

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(240, 117, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 117, 31) }
```

## Border

The CSS property to change the border of an element to YUV 143.9730, -55.6957, 84.2157 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(240, 117, 31) }
```



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

```
.border{ border-color:rgb(240, 117, 31) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 117, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 117, 31); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 117, 31);  
box-shadow:4px 4px 4px 4px rgb(240, 117,  
31) }
```

# Background

The CSS property to change the background color of an element to YUV 143.9730, -55.6957, 84.2157 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 117, 31) }
```

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

```
.background{ background-color: rgb(240,  
117, 31) }
```

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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