

Converting Colors

YUV(143.7740, -63.9786,
80.8822)

Have a look what the booklet for
YUV(143.7740, -63.9786, 80.8822)
contains.

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Color

**YUV(143.7740, -63.9786,
80.8822)**

Conversions

Conversions Part 1

Format	Color
Hex	EC7A0E
RGB	236, 122, 14
RGB Percent	93%, 48%, 5%
CMY	0.0745, 0.5216, 0.9451
CMYK	0.00, 0.48, 0.94, 0.07
HSL	29°, 89%, 49%
HSV	29°, 94%, 93%
XYZ	41.6309, 31.7836, 4.3561
YIQ	143.7740, 102.6120, -9.4200

Conversions

Conversions Part 2

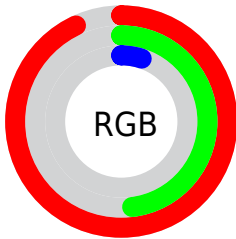
Format	Color
R _Y B	236, 224, 14
Decimal	15497742
CIE Lab	63.16, 38.50, 68.09
CIE LCh	63, 78.215, 60.516
Yxy	31.7836, 0.5353, 0.4087
Android (android.graphics.Color)	4293687822 (0xFFEC7A0E)
YUV	143.7740, -63.9786, 80.8822
Hunter-Lab	56.3770, 33.1514, 34.8827

Details

The YUV color **143.7740, -63.9786, 80.8822** 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 **106.2260, 63.9786, -80.8822**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.2210, -55.3250, 58.5652**, and **93.4040, -46.0482, 69.8057** is the 20% darker color. If you saturate the color by 10%, you get **138.0690, -68.0680, 85.8855**, and if you desaturate by 10%, it is **153.5540, -56.9681, 72.3051**.

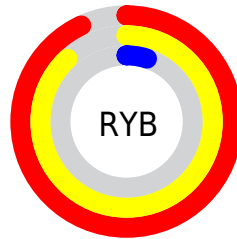
Distribution



Red (93%)

Green (48%)

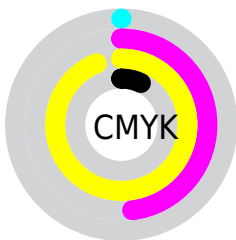
Blue (5%)



Red (93%)

Yellow (88%)

Blue (5%)

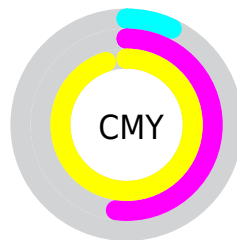


Cyan (0%)

Magenta (48%)

Yellow (94%)

Black (7%)



Cyan (7%)

Magenta (52%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 143.7740, -63.9786, 80.8822 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 143.7740, -63.9786, 80.8822 by changing the saturation by 10% instead.

143.7740,
-63.9786, 80.8822

143.7740,
-63.9786, 80.8822

255.0000, 0.0000,
0.0000

117.3480,
-57.8526, 75.9938

188.2210,
-55.3250, 58.5652

93.4040, -46.0482,
69.8057

207.7350,
-51.6344, 41.4514

69.4600, -34.2438,
63.6176

227.2490,
-47.9438, 24.3376

44.3420, -21.8606,
58.4591

243.8280,
-42.8062, 9.7978

24.5180, -12.0874,
50.4117

247.0200,
-30.5759, 6.9985


16.4450, -8.1074,
33.8127

250.3260,

5.9800, -2.9481,

-17.9087, 4.0991

12.2955


 253.6320, -5.2416,
1.1997


 0.0000, 0.0000,
0.0000


 143.7740,
-63.9786, 80.8822

 143.7740,
-63.9786, 80.8822


 138.0690,
-68.0680, 85.8855

 153.5540,
-56.9681, 72.3051

 163.2200,
-50.3945, 63.8281

 173.0000,
-43.3840, 55.2510

 182.6660,
-36.8103, 46.7739

 193.0330,
-30.0893, 37.6821

■ 202.8130,
-23.0788, 29.1050

■ 212.4790,
-16.5051, 20.6279

■ 222.2590, -9.4947,
12.0509

■ 231.9250, -2.9210,
3.5738

Harmonies

Analogous

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



137.8190, -25.0538, 102.7677



143.7740, -63.9786, 80.8822



142.7670, -70.3841, 35.2843

Triad

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



143.7740, -63.9786, 80.8822



125.3360, 13.1454, -109.9197



152.2790, 50.6415, -2.8757

Complementary

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



143.7740, -63.9786, 80.8822



106.2260, 63.9786, -80.8822

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.



123.5770, 64.7915, -108.3770



143.7740, -63.9786, 80.8822



132.7290, 44.0106, -116.4033

Square

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



143.7740, -63.9786, 80.8822



114.0790, -17.2939, -100.0473



132.9690, 60.1613, -116.6138



153.5120, 34.2576, 72.3420

Rectangle

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



143.7740, -63.9786, 80.8822



137.5300, -67.8023, 0.4122



132.9690, 60.1613, -116.6138



142.6010, 55.4127, -39.9921

Sweetspot

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



143.7740, -63.9786, 80.8822



225.1870, -20.3052, 26.1460



93.4880, 17.5074, 124.9830



109.4830, -12.5631, 16.2394



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.



143.7740, -63.9786, 80.8822



149.0330, -73.4733, 92.9331



208.3440, -95.8116, 24.2543



112.2240, -3.0684, 4.1886



105.7750, -52.1471, 65.9723



31.4080, -15.4841, 19.8132

Inverse Universe

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



106.2260, 63.9786, -80.8822



105.9670, 73.4733, -92.9331



41.6560, 95.8116, -24.2543



110.7760, 3.0684, -4.1886



75.2250, 52.1471, -65.9723



22.0050, 15.7735, -19.2984

Previews

White Background



This preview shows how the YUV color 143.7740, -63.9786, 80.8822 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 143.7740, -63.9786, 80.8822 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 143.7740, -63.9786, 80.8822

Background



This preview shows how black text looks on a background with the YUV color 143.7740, -63.9786, 80.8822.



This preview shows how white text looks on a background with the YUV color 143.7740, -63.9786, 80.8822.

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

143.7740, -63.9786, 80.8822

Protanopia

144.9750, -59.1477, 24.5779

Deuteranopia

143.1210, -70.5587, 44.6209



Tritanopia

152.4720, -15.5157, 76.7621

Trichromacy



Original Color

143.7740, -63.9786, 80.8822

Protanomaly

144.3520, -60.8125, 45.2953

Deuteranomaly

143.4800, -68.2706, 57.4610

Tritanomaly

149.4880, -33.2716, 78.5020

Monochromacy



Original Color

143.7740, -63.9786, 80.8822

Achromatopsia

144.0000, 0.0000, 0.0000

Achromatomaly

143.8130, -23.0788, 29.1050

CSS Examples

Text

The CSS property to change the color of the text to YUV 143.7740, -63.9786, 80.8822 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(236, 122, 14)` looks like.

```
.text, #text, p{  
    color:rgb(236, 122, 14)  
}
```

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(236, 122, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 122, 14) }
```

Border

The CSS property to change the border of an element to YUV 143.7740, -63.9786, 80.8822 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(236, 122, 14) }
```


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

```
.border{ border-color:rgb(236, 122, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 122, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 122, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 122, 14);  
box-shadow:4px 4px 4px 4px rgb(236, 122,  
14) }
```

Background

The CSS property to change the background color of an element to YUV 143.7740, -63.9786, 80.8822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 122, 14) }
```

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

```
.background{ background-color: rgb(236,  
122, 14) }
```

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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