

Converting Colors

YUV(146.2790, -63.2415,
77.8083)

Have a look what the booklet for
YUV(146.2790, -63.2415, 77.8083)
contains.

YUV(146.2790, -63.2415, 77.8083)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(146.2790, -63.2415,
77.8083)**

Conversions

Conversions Part 1

Format	Color
Hex	EB7E12
RGB	235, 126, 18
RGB Percent	92%, 49%, 7%
CMY	0.0784, 0.5059, 0.9294
CMYK	0.00, 0.46, 0.92, 0.08
HSL	30°, 86%, 50%
HSV	30°, 92%, 92%
XYZ	41.8310, 32.6275, 4.6653
YIQ	146.2790, 99.6320, -10.4800

Conversions

Conversions Part 2

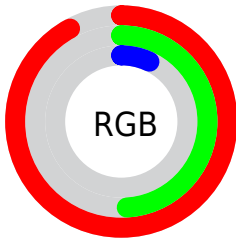
Format	Color
R _Y B	235, 233, 18
Decimal	15433234
CIE Lab	63.86, 36.11, 67.70
CIE LCh	64, 76.730, 61.926
Yxy	32.6275, 0.5287, 0.4124
Android (android.graphics.Color)	4293623314 (0xFFEB7E12)
YUV	146.2790, -63.2415, 77.8083
Hunter-Lab	57.1205, 30.7597, 35.1419

Details

The YUV color **146.2790, -63.2415, 77.8083** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **106.7210, 63.2415, -77.8083**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7970, -55.6089, 56.3060**, and **95.4530, -47.0583, 67.1317** is the 20% darker color. If you saturate the color by 10%, you get **138.9440, -68.4994, 84.2411**, and if you desaturate by 10%, it is **156.0590, -56.2311, 69.2313**.

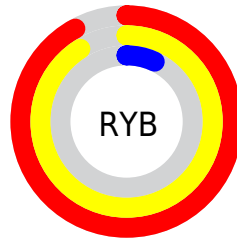
Distribution



Red (92%)

Green (49%)

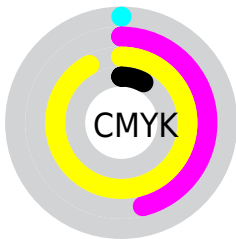
Blue (7%)



Red (92%)

Yellow (91%)

Blue (7%)

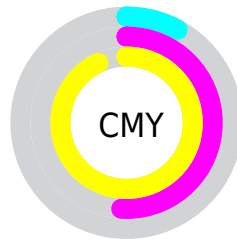


Cyan (0%)

Magenta (46%)

Yellow (92%)

Black (8%)



Cyan (8%)

Magenta (51%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.2790, -63.2415, 77.8083 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 146.2790, -63.2415, 77.8083 by changing the saturation by 10% instead.

146.2790,
-63.2415, 77.8083

146.2790,
-63.2415, 77.8083

255.0000, 0.0000,
0.0000

119.3970,
-58.8627, 73.3198

190.7970,
-55.6089, 56.3060

95.4530, -47.0583,
67.1317

210.3110,
-51.9183, 39.1923

71.5090, -35.2539,
60.9436

229.8250,
-48.2277, 22.0785

47.8640, -23.5970,
55.3703

244.1700,
-41.4958, 9.4979

24.5180, -12.0874,
50.4117

247.3620,
-29.2655, 6.6985

16.4450, -8.1074,
33.8127

250.6680,

6.2790, -3.0955,

-16.5983, 3.7992

12.9103

253.9740, -3.9312,
0.8998

0.0000, 0.0000,
0.0000

146.2790,
-63.2415, 77.8083

146.2790,
-63.2415, 77.8083

138.9440,
-68.4994, 84.2411

156.0590,
-56.2311, 69.2313

165.7250,
-49.6574, 60.7542

174.9180,
-42.3576, 52.6919

184.5840,
-35.7839, 44.2148

194.3640,
-28.7735, 35.6378

■ 204.0300,
-22.1998, 27.1607

■ 213.8100,
-15.1893, 18.5836

■ 222.8890, -8.3263,
10.6213

■ 232.6690, -1.3158,
2.0443

Harmonies

Analogous

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



141.3410, -26.7901, 99.6789



146.2790, -63.2415, 77.8083



144.2290, -71.1049, 33.1252

Triad

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



146.2790, -63.2415, 77.8083



126.4930, 15.0400, -110.9344



154.6710, 49.4622, 2.0425

Complementary

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



146.2790, -63.2415, 77.8083



106.7210, 63.2415, -77.8083

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.



124.1640, 64.5021, -108.8918



146.2790, -63.2415, 77.8083



134.3590, 45.1790, -117.8328

Square

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



146.2790, -63.2415, 77.8083



116.0510, -14.8151, -101.7767



133.5560, 59.8719, -117.1286



155.2410, 31.9262, 73.4566

Rectangle

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



146.2790, -63.2415, 77.8083



138.7040, -68.3811, -0.6174



133.5560, 59.8719, -117.1286



147.3740, 53.0596, -31.9000

Sweetspot

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



146.2790, -63.2415, 77.8083



225.7740, -20.5946, 25.6312



95.6510, 16.9341, 122.2091



110.0700, -12.8525, 15.7246



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.



146.2790, -63.2415, 77.8083



150.7940, -74.3414, 91.3887



207.9140, -93.6276, 23.7544



112.2240, -3.0684, 4.1886



106.9490, -52.7259, 64.9427



31.9950, -15.7735, 19.2984

Inverse Universe

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



106.7210, 63.2415, -77.8083



104.2060, 74.3414, -91.3887



45.0860, 93.6276, -23.7544



110.1890, 3.3578, -3.6738



74.0510, 52.7259, -64.9427



22.0050, 15.7735, -19.2984

Previews

White Background



This preview shows how the YUV color 146.2790, -63.2415, 77.8083 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 146.2790, -63.2415, 77.8083 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 146.2790, -63.2415, 77.8083

Background



This preview shows how black text looks on a background with the YUV color 146.2790, -63.2415, 77.8083.



This preview shows how white text looks on a background with the YUV color 146.2790, -63.2415, 77.8083.

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

146.2790, -63.2415, 77.8083

Protanopia

146.9750, -59.1477, 24.5779

Deuteranopia

144.8930, -71.4322, 44.8208



Tritanopia

154.5040, -14.0525, 74.1030

Trichromacy



Original Color

146.2790, -63.2415, 77.8083

Protanomaly

146.7540, -60.5177, 44.0657

Deuteranomaly

145.1810, -68.1232, 56.8463

Tritanomaly

151.5200, -31.8084, 75.8430

Monochromacy



Original Color

146.2790, -63.2415, 77.8083

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1010, -23.2208, 27.9754

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2790, -63.2415, 77.8083 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(235, 126, 18)` looks like.

```
.text, #text, p{  
    color:rgb(235, 126, 18)  
}
```

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(235, 126, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 126, 18) }
```

Border

The CSS property to change the border of an element to YUV 146.2790, -63.2415, 77.8083 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(235, 126, 18) }
```


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

```
.border{ border-color:rgb(235, 126, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 126, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 126, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 126, 18);  
box-shadow:4px 4px 4px 4px rgb(235, 126,  
18) }
```

Background

The CSS property to change the background color of an element to YUV 146.2790, -63.2415, 77.8083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 126, 18) }
```

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

```
.background{ background-color: rgb(235,  
126, 18) }
```

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