

# Converting Colors

YUV(143.0360, -68.0517,  
80.6524)

Have a look what the booklet for  
YUV(143.0360, -68.0517, 80.6524)  
contains.

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# Color

**YUV(143.0360, -68.0517,  
80.6524)**

# Conversions

## Conversions Part 1

Format	Color
Hex	EB7B05
RGB	235, 123, 5
RGB Percent	92%, 48%, 2%
CMY	0.0784, 0.5176, 0.9804
CMYK	0.00, 0.48, 0.98, 0.08
HSL	31°, 96%, 47%
HSV	31°, 98%, 92%
XYZ	41.3713, 31.8390, 4.1086
YIQ	143.0360, 104.6300, -12.9540

# Conversions

## Conversions Part 2

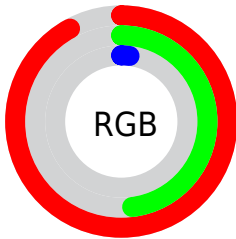
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">223, 235, 5</a>
Decimal	<a href="#">15432453</a>
CIELab	<a href="#">63.21, 37.51, 69.49</a>
CIElCh	<a href="#">63, 78.963, 61.641</a>
Yxy	<a href="#">31.8390, 0.5351, 0.4118</a>
Android (android.graphics.Color)	<a href="#">4293622533 (0xFFEB7B05)</a>
YUV	<a href="#">143.0360, -68.0517, 80.6524</a>
Hunter-Lab	<a href="#">56.4261, 32.1295, 35.1811</a>

# Details

The YUV color **143.0360, -68.0517, 80.6524** 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 **96.9640, 68.0517, -80.6524**, and the grayscale version is **144.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4660, -56.9247, 58.3503**, and **93.6920, -46.1902, 68.6761** is the 20% darker color. If you saturate the color by 10%, you get **141.2920, -69.6570, 82.1819**, and if you desaturate by 10%, it is **152.2290, -60.7519, 72.5902**.

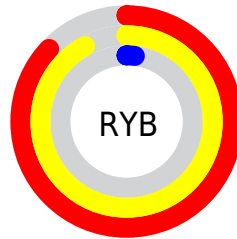
# Distribution



Red (92%)

Green (48%)

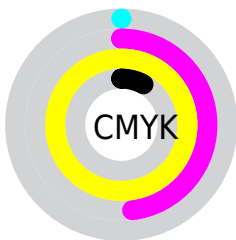
Blue (2%)



Red (87%)

Yellow (92%)

Blue (2%)

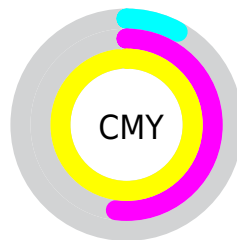


Cyan (0%)

Magenta (48%)

Yellow (98%)

Black (8%)



Cyan (8%)

Magenta (52%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 143.0360, -68.0517, 80.6524 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 143.0360, -68.0517, 80.6524 by changing the saturation by 10% instead.



143.0360,  
-68.0517, 80.6524

143.0360,  
-68.0517, 80.6524

255.0000, 0.0000,  
0.0000

117.6360,  
-57.9945, 74.8642

188.4660,  
-56.9247, 58.3503

93.6920, -46.1902,  
68.6761

207.9800,  
-53.2341, 41.2365

69.7480, -34.3858,  
62.4880

227.4940,  
-49.5435, 24.1228

45.5160, -22.4394,  
57.4295

243.4860,  
-44.1166, 10.0978

24.2190, -11.9400,  
49.7969

246.6780,  
-31.8863, 7.2984

16.1460, -7.9600,  
33.1980


249.9840,

5.6810, -2.8007,

-19.2191, 4.3990


11.6808


 253.2900, -6.5520,  
1.4997

 0.0000, 0.0000,  
0.0000


 143.0360,  
-68.0517, 80.6524

 143.0360,  
-68.0517, 80.6524

 141.2920,  
-69.6570, 82.1819

 152.2290,  
-60.7519, 72.5902

 161.8950,  
-54.1782, 64.1131

 170.9740,  
-47.3152, 56.1508

 180.7540,  
-40.3047, 47.5737

 189.8330,  
-33.4417, 39.6115

■ 199.6130,  
-26.4312, 31.0344

■ 208.8060,  
-19.1314, 22.9721

■ 218.4720,  
-12.5577, 14.4951

■ 227.5510, -5.6946,  
6.5328

# Harmonies

## Analogous

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



138.0640, -26.6536, 102.5529



143.0360, -68.0517, 80.6524



142.4570, -70.2313, 32.9252

# Triad

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



143.0360, -68.0517, 80.6524



125.6780, 14.4557, -110.2196



152.3010, 50.6306, 0.6130

# Complementary

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



143.0360, -68.0517, 80.6524



96.9640, 68.0517, -80.6524

# 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



143.0360, -68.0517, 80.6524



133.6580, 45.0316, -117.2181

# Square

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



143.0360, -68.0517, 80.6524



115.0080, -16.2729, -100.8620



132.9690, 60.1613, -116.6138



153.0070, 33.5205, 75.4159



# Rectangle

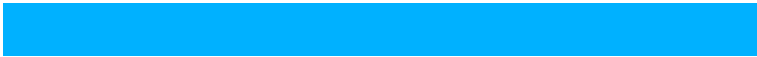
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



143.0360, -68.0517, 80.6524



137.2200, -67.6495, -1.9469



132.9690, 60.1613, -116.6138



143.8080, 54.8177, -35.7886

# Sweetspot

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



143.0360, -68.0517, 80.6524



225.4320, -21.9050, 25.9311



86.8800, 16.3282, 129.9012



109.9560, -13.2893, 15.8246



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.



143.0360, -68.0517, 80.6524



153.1420, -75.4990, 89.3295



208.7800, -100.4635, 22.9949



112.8110, -3.3578, 3.6738



108.7100, -53.5940, 63.3983



31.9950, -15.7735, 19.2984



# Inverse Universe

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



96.9640, 68.0517, -80.6524



101.8580, 75.4990, -89.3295



31.2200, 100.4635, -22.9949



110.1890, 3.3578, -3.6738



72.2900, 53.5940, -63.3983



21.4180, 16.0629, -18.7836



# Previews

## White Background



This preview shows how the YUV color 143.0360, -68.0517, 80.6524 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 143.0360, -68.0517, 80.6524 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 143.0360, -68.0517, 80.6524

## Background



This preview shows how black text looks on a background with the YUV color 143.0360, -68.0517, 80.6524.



This preview shows how white text looks on a background with the YUV color 143.0360, -68.0517,



# 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

143.0360, -68.0517, 80.6524

### Protanopia

144.4050, -61.3317, 25.0778

### Tritanopia

152.2870, -14.9315, 76.0473

# Trichromacy



## Original Color

143.0360, -68.0517, 80.6524

## Protanomaly

144.2550, -63.7227, 45.3804

## Tritanomaly

148.8470, -34.4346, 78.1872

# Monochromacy



## Original Color

143.0360, -68.0517, 80.6524

## Achromatopsia

143.0000, 0.0000, 0.0000

## Achromatomaly

143.0580, -24.6786, 28.8901

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 143.0360, -68.0517, 80.6524 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, 123, 5)` looks like.

```
.text, #text, p{  
    color:rgb(235, 123, 5)  
}
```

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, 123, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 123, 5) }
```

## Border

The CSS property to change the border of an element to YUV 143.0360, -68.0517, 80.6524 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, 123, 5) }
```

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

```
.border{ border-color:rgb(235, 123, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 123, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 123, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 123, 5);  
box-shadow:4px 4px 4px 4px rgb(235, 123,  
5) }
```



# Background

The CSS property to change the background color of an element to YUV 143.0360, -68.0517, 80.6524 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 123, 5) }
```

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

```
.background{ background-color: rgb(235,  
123, 5) }
```

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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