

Converting Colors

YUV(157.4470, -64.8034,
65.3830)

Have a look what the booklet for
YUV(157.4470, -64.8034, 65.3830)
contains.

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Color

**YUV(157.4470, -64.8034,
65.3830)**

Conversions

Conversions Part 1

Format	Color
Hex	E8911A
RGB	232, 145, 26
RGB Percent	91%, 57%, 10%
CMY	0.0902, 0.4314, 0.8980
CMYK	0.00, 0.38, 0.89, 0.09
HSL	35°, 82%, 51%
HSV	35°, 89%, 91%
XYZ	43.5906, 37.4812, 5.9144
YIQ	157.4470, 90.0510, -18.5650

Conversions

Conversions Part 2

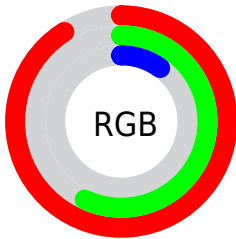
Format	Color
RYB	177, 232, 26
Decimal	15241498
CIELab	67.64, 25.08, 68.46
CIELCh	68, 72.908, 69.876
Yxy	37.4812, 0.5011, 0.4309
Android (android.graphics.Color)	4293431578 (0xFFE8911A)
YUV	157.4470, -64.8034, 65.3830
Hunter-Lab	61.2219, 19.9554, 37.1275

Details

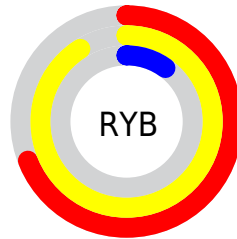
The YUV color **157.4470, -64.8034, 65.3830** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **100.5530, 64.8034, -65.3830**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.7480, -58.0498, 45.8250**, and **106.0080, -52.2619, 56.1210** is the 20% darker color. If you saturate the color by 10%, you get **148.9550, -71.9558, 72.8305**, and if you desaturate by 10%, it is **165.9390, -57.6509, 57.9355**.

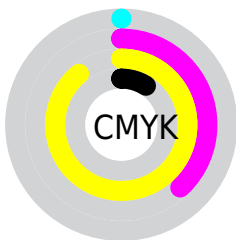
Distribution



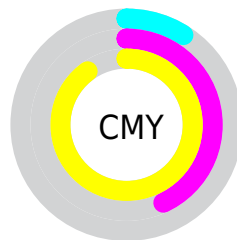
- Red (91%)
- Green (57%)
- Blue (10%)



- Red (69%)
- Yellow (91%)
- Blue (10%)



- Cyan (0%)
- Magenta (38%)
- Yellow (89%)
- Black (9%)



- Cyan (9%)
- Magenta (43%)
- Yellow (90%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.4470, -64.8034, 65.3830 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 157.4470, -64.8034, 65.3830 by changing the saturation by 10% instead.

157.4470,
-64.8034, 65.3830

157.4470,
-64.8034, 65.3830

255.0000, 0.0000,
0.0000

129.9520,
-64.0663, 62.3091

202.7480,
-58.0498, 45.8250

106.0080,
-52.2619, 56.1210

222.3760,
-53.9224, 28.6112

82.9500, -40.8943,
50.0329

241.8900,
-50.2318, 11.4975

60.4790, -29.8161,
43.4299

245.0820,
-38.0014, 8.6981

39.1930, -19.3221,
37.5417

248.2740,
-25.7711, 5.8987

17.9070, -8.8282,
31.6536

251.5800,

8.4860, -3.6906,

-13.1039, 2.9993

17.1138

■ 0.0000, 0.0000,
0.0000

■ 157.4470,
-64.8034, 65.3830

■ 157.4470,
-64.8034, 65.3830

■ 148.9550,
-71.9558, 72.8305

■ 165.9390,
-57.6509, 57.9355

■ 148.0260,
-72.9768, 73.6452

■ 174.4310,
-50.4985, 50.4880

■ 182.4500,
-42.6198, 43.4554

■ 190.9420,
-35.4674, 36.0079

■ 199.4340,
-28.3150, 28.5604

■ 207.9260,
-21.1625, 21.1129

■ 216.4180,
-14.0101, 13.6654

■ 224.4370, -6.1314,
6.6328

■ 232.9290, 1.0210,
-0.8147

Harmonies

Analogous

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



153.7990, -34.9039, 88.7533



157.4470, -64.8034, 65.3830



151.8270, -74.8507, 21.1997

Triad

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



157.4470, -64.8034, 65.3830



135.5550, 24.3764, -118.8817



167.7940, 42.9926, 23.8597

Complementary

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



157.4470, -64.8034, 65.3830



100.5530, 64.8034, -65.3830

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.



136.9880, 58.1799, -87.6895



157.4470, -64.8034, 65.3830



141.5630, 52.4734, -124.1508

Square

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



157.4470, -64.8034, 65.3830



126.0420, -4.4577, -110.5388



137.0780, 58.1355, -120.2174



163.6950, 23.3214, 80.0745

Rectangle

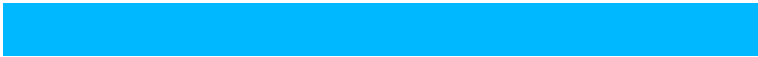
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



157.4470, -64.8034, 65.3830



148.4770, -57.4232, -15.3273



137.0780, 58.1355, -120.2174



163.4980, 45.1105, -2.1907

Sweetspot

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



157.4470, -64.8034, 65.3830



230.1110, -21.7467, 21.8277



97.7400, 8.5092, 117.7460



112.7600, -12.6997, 13.3655



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.



157.4470, -64.8034, 65.3830



162.5340, -80.1293, 81.0927



204.3300, -87.9167, 11.9886



110.6970, -3.7946, 3.7737



113.9820, -56.1931, 57.0208



32.2720, -15.9101, 16.4245

Inverse Universe

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



100.5530, 64.8034, -65.3830



92.4660, 80.1293, -81.0927



53.6700, 87.9167, -11.9886



107.3030, 3.7946, -3.7737



64.4310, 56.4825, -56.5060



18.7280, 15.9101, -16.4245

Previews

White Background



This preview shows how the YUV color 157.4470, -64.8034, 65.3830 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 157.4470, -64.8034, 65.3830 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 157.4470, -64.8034, 65.3830

Background



This preview shows how black text looks on a background with the YUV color 157.4470, -64.8034, 65.3830.



This preview shows how white text looks on a background with the YUV color 157.4470, -64.8034,

65.3830.

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

157.4470, -64.8034, 65.3830

Protanopia

156.7040, -61.4791, 25.6926

Deuteranopia

156.3600, -69.6905, 46.1653



Tritanopia

166.9370, -10.8149, 62.3223

Trichromacy



Original Color

157.4470, -64.8034, 65.3830

Protanomaly

156.8630, -62.5435, 40.4621

Deuteranomaly

156.8600, -67.9650, 52.7428

Tritanomaly

163.7850, -30.4600, 63.3326

Monochromacy



Original Color

157.4470, -64.8034, 65.3830

Achromatopsia

157.0000, 0.0000, 0.0000

Achromatomaly

157.2530, -23.7887, 23.4571

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.4470, -64.8034, 65.3830 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(232, 145, 26)` looks like.

```
.text, #text, p{  
    color:rgb(232, 145, 26)  
}
```

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(232, 145, 26) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 145, 26) }
```

Border

The CSS property to change the border of an element to YUV 157.4470, -64.8034, 65.3830 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(232, 145, 26) }
```


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

```
.border{ border-color:rgb(232, 145, 26) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 145, 26)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 145, 26); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 145, 26);  
box-shadow:4px 4px 4px 4px rgb(232, 145,  
26) }
```

Background

The CSS property to change the background color of an element to YUV 157.4470, -64.8034, 65.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 145, 26) }
```

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

```
.background{ background-color: rgb(232,  
145, 26) }
```

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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