

Converting Colors

YUV(145.6830, -49.1437,
82.7160)

Have a look what the booklet for
YUV(145.6830, -49.1437, 82.7160)
contains.

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Color

**YUV(145.6830, -49.1437,
82.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	F0752E
RGB	240, 117, 46
RGB Percent	94%, 46%, 18%
CMY	0.0588, 0.5412, 0.8196
CMYK	0.00, 0.51, 0.81, 0.06
HSL	22°, 87%, 56%
HSV	22°, 81%, 94%
XYZ	42.7896, 31.4451, 6.3990
YIQ	145.6830, 96.0990, 3.9950

Conversions

Conversions Part 2

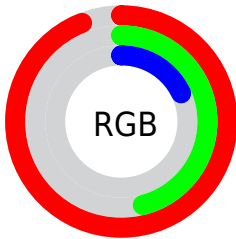
Format	Color
R _{YB}	240, 158, 46
Decimal	15758638
CIE _{Lab}	62.88, 43.20, 58.24
CIE _{LCh}	63, 72.518, 53.434
Yxy	31.4451, 0.5307, 0.3900
Android (android.graphics.Color)	4293948718 (0xFFFF0752E)
YUV	145.6830, -49.1437, 82.7160
Hunter-Lab	56.0759, 38.0743, 32.4874

Details

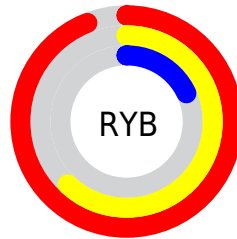
The YUV color **145.6830, -49.1437, 82.7160** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **140.3170, 49.1437, -82.7160**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.7940, -44.2684, 58.9397**, and **91.0780, -44.9015, 75.3536** is the 20% darker color. If you saturate the color by 10%, you get **134.1420, -55.2860, 92.8375**, and if you desaturate by 10%, it is **157.2240, -43.0014, 72.5946**.

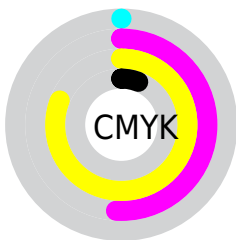
Distribution



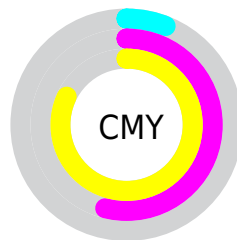
- Red (94%)
- Green (46%)
- Blue (18%)



- Red (94%)
- Yellow (62%)
- Blue (18%)



- Cyan (0%)
- Magenta (51%)
- Yellow (81%)
- Black (6%)



- Cyan (6%)
- Magenta (54%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.6830, -49.1437, 82.7160 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 145.6830, -49.1437, 82.7160 by changing the saturation by 10% instead.

145.6830,
-49.1437, 82.7160

145.6830,
-49.1437, 82.7160

255.0000, 0.0000,
0.0000

117.6610,
-49.1329, 79.2273

187.7940,
-44.2684, 58.9397

91.0780, -44.9015,
75.3536

207.1940,
-41.0146, 41.9259

65.9600, -32.5183,
70.1951

227.2950,
-37.6134, 24.2973

37.3200, -18.3988,
68.1254

246.2220,
-33.6334, 7.6983

25.7140, -12.6770,
52.8708

249.4140,
-21.4031, 4.8989

17.4560, -8.1128,
35.5571

252.7200, -8.7360,

7.5890, -3.2484,

1.9996

15.2694

■ 0.0000, 0.0000,
0.0000

■ 145.6830,
-49.1437, 82.7160

■ 145.6830,
-49.1437, 82.7160

■ 134.1420,
-55.2860, 92.8375

■ 157.2240,
-43.0014, 72.5946

■ 123.4160,
-60.8441, 102.2442

■ 168.7650,
-36.8591, 62.4731

■ 180.8930,
-31.0062, 51.8368

■ 192.4340,
-24.8640, 41.7154

■ 203.9750,
-18.7217, 31.5939

■ 215.5160,
-12.5794, 21.4725

■ 227.6440, -6.7265,
10.8362

■ 239.1850, -0.5842,
0.7148

■ 249.9280, 2.5005,
-8.7069

Harmonies

Analogous

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



141.0450, -17.7702, 99.9385



145.6830, -49.1437, 82.7160



142.5340, -70.2693, 45.1357

Triad

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



145.6830, -49.1437, 82.7160



121.6370, 6.5880, -106.6756



147.7170, 52.8905, -24.3078

Complementary

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



145.6830, -49.1437, 82.7160



140.3170, 49.1437, -82.7160

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.



125.3380, 63.9234, -109.9214



145.6830, -49.1437, 82.7160



129.2750, 35.8534, -113.3742

Square

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



145.6830, -49.1437, 82.7160



119.8600, -25.0740, -77.9302



132.9690, 60.1613, -116.6138



155.0750, 36.9380, 52.5542

Rectangle

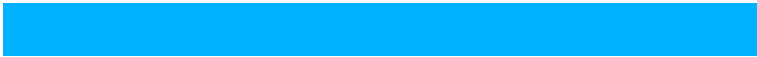
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



145.6830, -49.1437, 82.7160



139.0910, -68.5719, 13.9522



132.9690, 60.1613, -116.6138



133.5650, 59.8675, -68.9015

Sweetspot

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



145.6830, -49.1437, 82.7160



225.1530, -15.3584, 26.1758



118.3700, 26.4396, 106.6695



109.6940, -9.2161, 16.0544



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.



145.6830, -49.1437, 82.7160



134.6830, -62.4547, 105.5180



200.8610, -76.3465, 34.3249



113.9360, -2.9264, 5.3181



94.3450, -46.5121, 78.6274



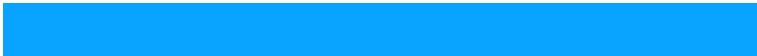
29.0710, -14.3320, 23.6167

Inverse Universe

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



140.3170, 49.1437, -82.7160



127.7300, 62.7441, -105.0032



85.1390, 76.3465, -34.3249



113.4770, 3.2158, -4.8033



89.0680, 46.8015, -78.1126



27.5160, 14.0426, -24.1315

Previews

White Background



This preview shows how the YUV color 145.6830, -49.1437, 82.7160 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 145.6830, -49.1437, 82.7160 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 145.6830, -49.1437, 82.7160

Background



This preview shows how black text looks on a background with the YUV color 145.6830, -49.1437, 82.7160.



This preview shows how white text looks on a background with the YUV color 145.6830, -49.1437, 82.7160.

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

145.6830, -49.1437, 82.7160

Protanopia

146.9110, -45.3121, 20.2491

Deuteranopia

146.6270, -54.5391, 39.7921



Tritanopia

150.5650, -16.5475, 81.0655

Trichromacy



Original Color

145.6830, -49.1437, 82.7160

Protanomaly

146.4130, -46.5456, 42.6108

Deuteranomaly

146.2960, -52.4039, 54.9914

Tritanomaly

149.0630, -28.6251, 81.5057

Monochromacy



Original Color

145.6830, -49.1437, 82.7160

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.6050, -17.5533, 30.1644

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.6830, -49.1437, 82.7160 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, 46)` looks like.

```
.text, #text, p{  
    color:rgb(240, 117, 46)  
}
```

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, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 117, 46) }
```

Border

The CSS property to change the border of an element to YUV 145.6830, -49.1437, 82.7160 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, 46) }
```


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

```
.border{ border-color:rgb(240, 117, 46) }
```

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, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 117, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 117, 46);  
box-shadow:4px 4px 4px 4px rgb(240, 117,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 145.6830, -49.1437, 82.7160 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, 46) }
```

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

```
.background{ background-color: rgb(240,  
117, 46) }
```

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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