

Converting Colors

YUV(145.9830, -34.0086,
81.5759)

Have a look what the booklet for
YUV(145.9830, -34.0086, 81.5759)
contains.

YUV(145.9830, -34.0086, 81.5759)	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(145.9830, -34.0086,
81.5759)**

Conversions

Conversions Part 1

Format	Color
Hex	EF704D
RGB	239, 112, 77
RGB Percent	94%, 44%, 30%
CMY	0.0627, 0.5608, 0.6980
CMYK	0.00, 0.53, 0.68, 0.06
HSL	13°, 84%, 62%
HSV	13°, 68%, 94%
XYZ	42.7303, 30.4749, 10.6513
YIQ	145.9830, 86.9270, 16.0390

Conversions

Conversions Part 2

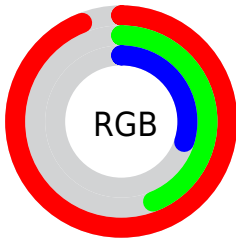
Format	Color
R _Y B	239, 122, 77
Decimal	15691853
CIE Lab	62.06, 46.56, 42.44
CIE LCh	62, 62.997, 42.347
Yxy	30.4749, 0.5096, 0.3634
Android (android.graphics.Color)	4293881933 (0xFFEF704D)
YUV	145.9830, -34.0086, 81.5759
Hunter-Lab	55.2041, 41.5596, 27.2032

Details

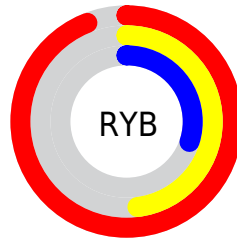
The YUV color **145.9830, -34.0086, 81.5759** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **170.0170, 34.0086, -81.5759**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.1650, -30.1543, 58.6143**, and **90.9760, -30.0612, 75.4430** is the 20% darker color. If you saturate the color by 10%, you get **132.0940, -38.9933, 93.7566**, and if you desaturate by 10%, it is **159.8720, -29.0239, 69.3953**.

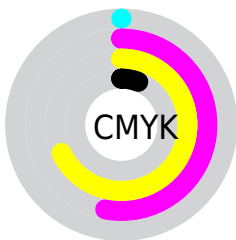
Distribution



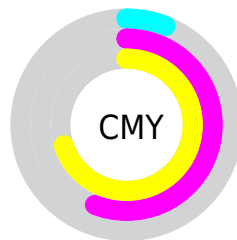
- Red (94%)
- Green (44%)
- Blue (30%)



- Red (94%)
- Yellow (48%)
- Blue (30%)



- Cyan (0%)
- Magenta (53%)
- Yellow (68%)
- Black (6%)



- Cyan (6%)
- Magenta (56%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 145.9830, -34.0086, 81.5759 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 145.9830, -34.0086, 81.5759 by changing the saturation by 10% instead.

145.9830,
-34.0086, 81.5759

145.9830,
-34.0086, 81.5759

255.0000, 0.0000,
0.0000

118.1290,
-32.1086, 78.8169

188.1650,
-30.1543, 58.6143

90.9760, -30.0612,
75.4430

207.5650,
-26.9005, 41.6005

62.5350, -27.8718,
73.1988

227.6660,
-23.4993, 23.9719

34.6840, -17.0992,
71.3141

247.8810,
-19.6613, 6.2434

25.7140, -12.6770,
52.8708

252.9480, -7.8624,
1.7996

17.7550, -8.2602,
36.1719

7.5890, -3.2484,

15.2694

■ 0.0000, 0.0000,
0.0000

■ 145.9830,
-34.0086, 81.5759

■ 145.9830,
-34.0086, 81.5759

■ 132.0940,
-38.9933, 93.7566

■ 159.8720,
-29.0239, 69.3953

■ 118.7920,
-44.2675, 105.4224

■ 173.1740,
-23.7498, 57.7294

■ 104.9030,
-49.2522, 117.6031

■ 187.0630,
-18.7651, 45.5487

■ 101.9850,
-50.2786, 120.1622

■ 200.9520,
-13.7803, 33.3681

■ 214.7270, -9.2324,
21.2874

■ 228.0290, -3.9583,
9.6216

■ 241.9180, 1.0264,
-2.5591

■ 250.2160, 2.3585,
-9.8364

Harmonies

Analogous

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



146.1070, -8.4338, 91.9912



145.9830, -34.0086, 81.5759



144.5300, -53.9983, 53.0322

Triad

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



145.9830, -34.0086, 81.5759



115.1340, -0.5591, -100.9725



139.8550, 56.7665, -54.2468

Complementary

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



145.9830, -34.0086, 81.5759



170.0170, 34.0086, -81.5759

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.



125.9250, 63.6340, -110.4362



145.9830, -34.0086, 81.5759



122.9200, 24.1964, -107.8008

Square

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



145.9830, -34.0086, 81.5759



133.0890, -35.5399, -34.2811



127.6740, 47.4887, -111.9701



154.3550, 38.7720, 24.2447

Rectangle

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



145.9830, -34.0086, 81.5759



141.6550, -60.4689, 28.3666



127.6740, 47.4887, -111.9701



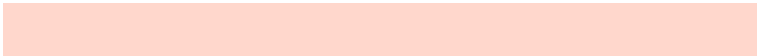
120.0550, 66.5279, -105.2882

Sweetspot

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



145.9830, -34.0086, 81.5759



225.7060, -10.7011, 25.6908



140.2580, 32.9038, 86.5967



110.3780, -6.5954, 15.4545



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.



145.9830, -34.0086, 81.5759



136.3080, -43.5358, 104.0929



191.7690, -56.5811, 41.4216



112.7620, -2.3477, 6.3477



78.4960, -38.6985, 92.5270



23.7880, -11.7275, 28.2499

Inverse Universe

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



170.0170, 34.0086, -81.5759



166.6920, 43.5358, -104.0929



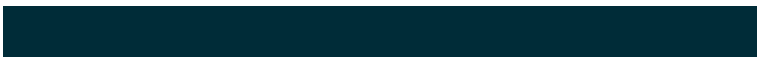
124.2310, 56.5811, -41.4216



114.6510, 2.6371, -5.8329



105.5040, 38.6985, -92.5270



32.2120, 11.7275, -28.2499

Previews

White Background



This preview shows how the YUV color 145.9830, -34.0086, 81.5759 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 145.9830, -34.0086, 81.5759 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 145.9830, -34.0086, 81.5759

Background



This preview shows how black text looks on a background with the YUV color 145.9830, -34.0086, 81.5759.



This preview shows how white text looks on a background with the YUV color 145.9830, -34.0086, 81.5759.

81.5759.

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

145.9830, -34.0086, 81.5759

Protanopia

147.6450, -28.4190, 15.2203

Deuteranopia

147.5350, -38.2248, 33.7338



Tritanopia

147.8640, -16.6950, 81.6803

Trichromacy



Original Color

145.9830, -34.0086, 81.5759

Protanomaly

146.9300, -30.5315, 39.5264

Deuteranomaly

147.1010, -36.5318, 50.7774

Tritanomaly

147.2570, -22.8047, 81.3356

Monochromacy



Original Color

145.9830, -34.0086, 81.5759

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.2720, -12.4591, 29.5795

CSS Examples

Text

The CSS property to change the color of the text to YUV 145.9830, -34.0086, 81.5759 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(239, 112, 77)` looks like.

```
.text, #text, p{  
    color:rgb(239, 112, 77)  
}
```

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(239, 112, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 112, 77) }
```

Border

The CSS property to change the border of an element to YUV 145.9830, -34.0086, 81.5759 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(239, 112, 77) }
```


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

```
.border{ border-color:rgb(239, 112, 77) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 112, 77)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 112, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 112, 77);  
box-shadow:4px 4px 4px 4px rgb(239, 112,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 145.9830, -34.0086, 81.5759 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 112, 77) }
```

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

```
.background{ background-color: rgb(239,  
112, 77) }
```

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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