

Converting Colors

YUV(149.1570, -34.5874,
80.5463)

Have a look what the booklet for
YUV(149.1570, -34.5874, 80.5463)
contains.

YUV(149.1570, -34.5874, 80.5463)	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(149.1570, -34.5874,
80.5463)**

Conversions

Conversions Part 1

Format	Color
Hex	F1744F
RGB	241, 116, 79
RGB Percent	95%, 45%, 31%
CMY	0.0549, 0.5451, 0.6902
CMYK	0.00, 0.52, 0.67, 0.05
HSL	14°, 85%, 63%
HSV	14°, 67%, 95%
XYZ	43.9323, 31.7561, 11.2112
YIQ	149.1570, 86.3770, 14.9930

Conversions

Conversions Part 2

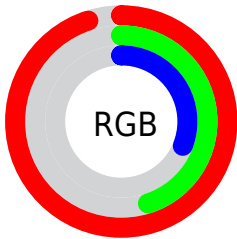
Format	Color
R_{YB}	241, 127, 79
Decimal	15823951
CIE _{Lab}	63.14, 45.47, 42.71
CIE _{LCh}	63, 62.381, 43.208
Yxy	31.7561, 0.5056, 0.3654
Android (android.graphics.Color)	4294014031 (0xFFFF1744F)
YUV	149.1570, -34.5874, 80.5463
Hunter-Lab	56.3525, 40.5413, 27.6512

Details

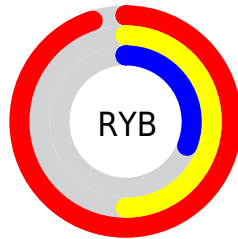
The YUV color **149.1570, -34.5874, 80.5463** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle washed orange. A complement of this color would be **170.8430, 34.5874, -80.5463**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7410, -30.4383, 56.3551**, and **94.1500, -30.6399, 74.4135** is the 20% darker color. If you saturate the color by 10%, you get **135.2680, -39.5721, 92.7270**, and if you desaturate by 10%, it is **163.0460, -29.6027, 68.3657**.

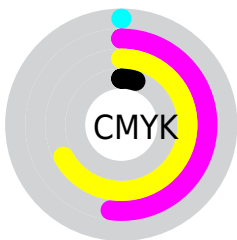
Distribution



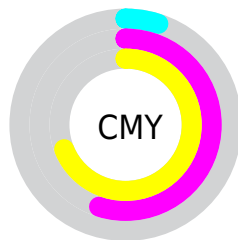
- Red (95%)
- Green (45%)
- Blue (31%)



- Red (95%)
- Yellow (50%)
- Blue (31%)



- Cyan (0%)
- Magenta (52%)
- Yellow (67%)
- Black (5%)



- Cyan (5%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.1570, -34.5874, 80.5463 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 149.1570, -34.5874, 80.5463 by changing the saturation by 10% instead.


 149.1570,
-34.5874, 80.5463


 149.1570,
-34.5874, 80.5463


255.0000, 0.0000,
0.0000


 121.8900,
-32.9768, 77.2725


 190.7410,
-30.4383, 56.3551

 94.1500, -30.6399,
74.4135


 210.8420,
-27.0371, 38.7266


 66.2960, -28.7399,
71.6544


 230.3560,
-23.3465, 21.6128

 35.5810, -17.5414,
73.1585

 249.9840,
-19.2191, 4.3990

 26.6110, -13.1192,
54.7152

 253.1760, -6.9888,
1.5996

 18.3530, -8.5550,
37.4014

 8.7850, -3.8380,

17.7286

■ 0.0000, 0.0000,
0.0000

■ 149.1570,
-34.5874, 80.5463

■ 149.1570,
-34.5874, 80.5463

■ 135.2680,
-39.5721, 92.7270

■ 163.0460,
-29.6027, 68.3657

■ 121.9660,
-44.8462, 104.3928

■ 176.3480,
-24.3286, 56.6998


■ 108.0770,
-49.8310, 116.5735


■ 190.2370,
-19.3438, 44.5192


■ 104.3440,
-51.4416, 119.8473

■ 203.5390,
-14.0697, 32.8533

■ 217.5420, -8.6482,
20.5727

 231.4310, -3.6635,
8.3920

 244.7330, 1.6106,
-3.2738

 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



149.5800, -9.1599, 91.5763



149.1570, -34.5874, 80.5463



147.8180, -54.1403, 51.9026

Triad

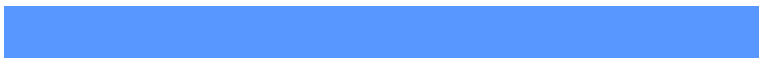
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



149.1570, -34.5874, 80.5463



117.4650, 0.7568, -103.0168



144.0190, 54.7136, -49.1287

Complementary

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



149.1570, -34.5874, 80.5463



170.8430, 34.5874, -80.5463

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.



127.6860, 62.7658, -111.9806



149.1570, -34.5874, 80.5463



125.2510, 25.5123, -109.8451

Square

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



149.1570, -34.5874, 80.5463



135.7190, -34.3715, -35.7106



129.8910, 48.3677, -113.9144



157.1380, 37.8930, 26.1890

Rectangle

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



149.1570, -34.5874, 80.5463



144.8120, -58.5743, 27.3519



129.8910, 48.3677, -113.9144



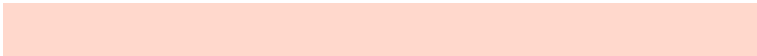
121.2290, 65.9491, -106.3178

Sweetspot

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



149.1570, -34.5874, 80.5463



226.2930, -10.9904, 25.1760



141.9160, 31.5934, 86.8967



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.



149.1570, -34.5874, 80.5463



138.0690, -44.4040, 102.5485



195.5300, -57.4493, 39.8772



113.3490, -2.6371, 5.8329



79.6700, -39.2773, 91.4974



24.3750, -12.0169, 27.7351

Inverse Universe

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



170.8430, 34.5874, -80.5463



165.5180, 44.1146, -103.0633



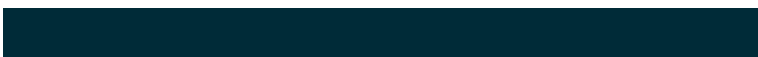
124.4700, 57.4493, -39.8772



114.6510, 2.6371, -5.8329



104.3300, 39.2773, -91.4974



31.6250, 12.0169, -27.7351

Previews

White Background



This preview shows how the YUV color 149.1570, -34.5874, 80.5463 looks on a white background.

Color Contrast Check

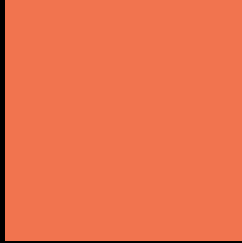
Large Text (above 18pt) WCAG AA × Fail

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 149.1570, -34.5874, 80.5463 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 149.1570, -34.5874, 80.5463

Background



This preview shows how black text looks on a background with the YUV color 149.1570, -34.5874, 80.5463.



This preview shows how white text looks on a background with the YUV color 149.1570, -34.5874,

80.5463.

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

149.1570, -34.5874, 80.5463

Protanopia

150.5310, -28.8558, 15.3203

Deuteranopia

150.5350, -38.2248, 33.7338



Tritanopia

151.3800, -15.9633, 80.3507

Trichromacy



Original Color

149.1570, -34.5874, 80.5463

Protanomaly

150.4030, -31.2577, 39.1116

Deuteranomaly

149.9870, -36.9686, 50.8774

Tritanomaly

150.5450, -22.9467, 80.2060

Monochromacy



Original Color

149.1570, -34.5874, 80.5463

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9730, -12.3117, 28.9647

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.1570, -34.5874, 80.5463 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(241, 116, 79)` looks like.

```
.text, #text, p{  
    color:rgb(241, 116, 79)  
}
```

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(241, 116, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 116, 79) }
```

Border

The CSS property to change the border of an element to YUV 149.1570, -34.5874, 80.5463 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(241, 116, 79) }
```


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

```
.border{ border-color:rgb(241, 116, 79) }
```

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

Here you see how a box with a 4 pixel rgb(241, 116, 79) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 116, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 116, 79);  
box-shadow:4px 4px 4px 4px rgb(241, 116,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 149.1570, -34.5874, 80.5463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 116, 79) }
```

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

```
.background{ background-color: rgb(241,  
116, 79) }
```

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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