

Converting Colors

YUV(147.0530, -33.5501,
74.4985)

Have a look what the booklet for
YUV(147.0530, -33.5501, 74.4985)
contains.

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Color

**YUV(147.0530, -33.5501,
74.4985)**

Conversions

Conversions Part 1

Format	Color
Hex	E8754F
RGB	232, 117, 79
RGB Percent	91%, 46%, 31%
CMY	0.0902, 0.5412, 0.6902
CMYK	0.00, 0.50, 0.66, 0.09
HSL	15°, 77%, 61%
HSV	15°, 66%, 91%
XYZ	41.0513, 30.4429, 11.1096
YIQ	147.0530, 80.7380, 12.5620

Conversions

Conversions Part 2

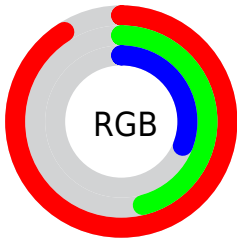
Format	Color
R _Y B	232, 130, 79
Decimal	15234383
CIE Lab	62.03, 41.59, 41.09
CIE LCh	62, 58.464, 44.649
Yxy	30.4429, 0.4970, 0.3685
Android (android.graphics.Color)	4293424463 (0xFFE8754F)
YUV	147.0530, -33.5501, 74.4985
Hunter-Lab	55.1751, 36.2509, 26.6845

Details

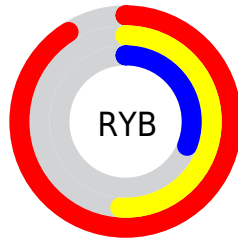
The YUV color **147.0530, -33.5501, 74.4985** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **163.9470, 33.5501, -74.4985**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **191.3280, -30.7277, 55.8403**, and **92.9320, -30.0395, 68.4656** is the 20% darker color. If you saturate the color by 10%, you get **134.4520, -38.6768, 85.5496**, and if you desaturate by 10%, it is **159.6540, -28.4234, 63.4474**.

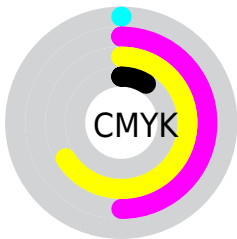
Distribution



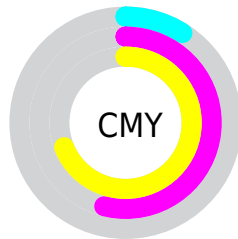
- Red (91%)
- Green (46%)
- Blue (31%)



- Red (91%)
- Yellow (51%)
- Blue (31%)



- Cyan (0%)
- Magenta (50%)
- Yellow (66%)
- Black (9%)





- Cyan (9%)
- Magenta (54%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the YUV color 147.0530, -33.5501, 74.4985 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 147.0530, -33.5501, 74.4985 by changing the saturation by 10% instead.


 147.0530,
-33.5501, 74.4985


 147.0530,
-33.5501, 74.4985


255.0000, 0.0000,
0.0000


 119.7860,
-31.9395, 71.2247


 191.3280,
-30.7277, 55.8403

 92.9320, -30.0395,
68.4656


 210.8420,
-27.0371, 38.7266


 65.9640, -28.5763,
65.8066


 230.9430,
-23.6359, 21.0980

 37.2980, -18.3879,
64.6367

 249.9840,
-19.2191, 4.3990

 24.5180, -12.0874,
50.4117

 253.1760, -6.9888,
1.5996

 16.5590, -7.6706,
33.7128

 5.0830, -2.5059,

10.4512

■ 0.0000, 0.0000,
0.0000

■ 147.0530,
-33.5501, 74.4985

■ 147.0530,
-33.5501, 74.4985

■ 134.4520,
-38.6768, 85.5496

■ 159.6540,
-28.4234, 63.4474

■ 121.2640,
-43.5142, 97.1155

■ 172.8420,
-23.5861, 51.8816

■ 108.5490,
-49.0777, 108.2665

■ 185.5570,
-18.0226, 40.7305

■ 103.4140,
-50.9831, 112.7699

■ 198.7450,
-13.1853, 29.1646

■ 211.3460, -8.0586,
18.1136

■ 224.5340, -3.2213,
6.5477

■ 237.1350, 1.9054,
-4.5034

■ 248.1230, 3.3904,
-14.1399

Harmonies

Analogous

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



147.6070, -10.1593, 85.4137



147.0530, -33.5501, 74.4985



145.5230, -50.0508, 46.8993

Triad

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



147.0530, -33.5501, 74.4985



115.3450, 2.7879, -101.1576



144.3900, 52.0657, -39.8070

Complementary

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



147.0530, -33.5501, 74.4985



163.9470, 33.5501, -74.4985

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.



124.1810, 62.0288, -108.9067



147.0530, -33.5501, 74.4985



122.6750, 25.7962, -107.5860

Square

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



147.0530, -33.5501, 74.4985



134.3430, -30.7351, -35.3808



126.2720, 47.1939, -110.7405



154.2260, 34.3986, 26.9888

Rectangle

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



147.0530, -33.5501, 74.4985



142.8700, -53.1799, 23.7930



126.2720, 47.1939, -110.7405



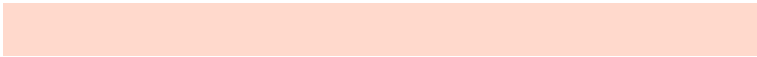
131.2110, 60.0420, -78.2380

Sweetspot

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



147.0530, -33.5501, 74.4985



226.8800, -11.2798, 24.6612



138.0850, 28.5521, 82.3635



110.9650, -6.8847, 14.9397



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.



147.0530, -33.5501, 74.4985



143.4490, -44.0984, 97.8302



190.4910, -54.9651, 36.4034



108.3490, -2.6371, 5.8329



79.3490, -39.1191, 87.3939



22.8800, -11.2798, 24.6612

Inverse Universe

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



163.9470, 33.5501, -74.4985



165.5510, 44.0984, -97.8302



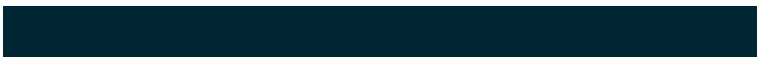
120.5090, 54.9651, -36.4034



109.6510, 2.6371, -5.8329



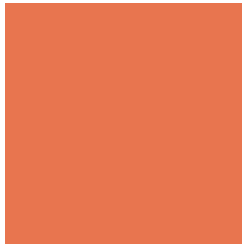
99.0640, 39.4084, -86.8791



28.1200, 11.2798, -24.6612

Previews

White Background



This preview shows how the YUV color 147.0530, -33.5501, 74.4985 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 147.0530, -33.5501, 74.4985 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 147.0530, -33.5501, 74.4985

Background



This preview shows how black text looks on a background with the YUV color 147.0530, -33.5501, 74.4985.



This preview shows how white text looks on a background with the YUV color 147.0530, -33.5501,

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

147.0530, -33.5501, 74.4985

Protanopia

147.4600, -27.8348, 14.5056

Deuteranopia

147.5780, -36.7670, 32.8191



Tritanopia

149.3900, -14.4893, 74.2030

Trichromacy



Original Color

147.0530, -33.5501, 74.4985

Protanomaly

147.4350, -29.7945, 36.4525

Deuteranomaly

147.6060, -35.7948, 47.7035

Tritanomaly

148.5550, -21.4726, 74.0583

Monochromacy



Original Color

147.0530, -33.5501, 74.4985

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.9620, -12.3063, 27.2203

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0530, -33.5501, 74.4985 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, 117, 79)` looks like.

```
.text, #text, p{  
    color:rgb(232, 117, 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(232, 117, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 117, 79) }
```

Border

The CSS property to change the border of an element to YUV 147.0530, -33.5501, 74.4985 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, 117, 79) }
```


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

```
.border{ border-color:rgb(232, 117, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 117, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 117, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 117, 79);  
box-shadow:4px 4px 4px 4px rgb(232, 117,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 147.0530, -33.5501, 74.4985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 117, 79) }
```

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

```
.background{ background-color: rgb(232,  
117, 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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