

Converting Colors

YUV(147.0640, -33.5556,
76.2429)

Have a look what the booklet for
YUV(147.0640, -33.5556, 76.2429)
contains.

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Color

**YUV(147.0640, -33.5556,
76.2429)**

Conversions

Conversions Part 1

Format	Color
Hex	EA744F
RGB	234, 116, 79
RGB Percent	92%, 45%, 31%
CMY	0.0824, 0.5451, 0.6902
CMYK	0.00, 0.50, 0.66, 0.08
HSL	14°, 79%, 61%
HSV	14°, 66%, 92%
XYZ	41.5884, 30.5477, 11.1015
YIQ	147.0640, 82.2050, 13.5090

Conversions

Conversions Part 2

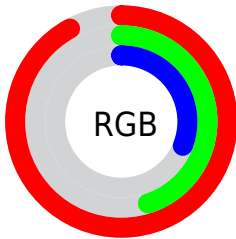
Format	Color
RYB	234, 128, 79
Decimal	15365199
CIELab	62.12, 42.85, 41.26
CIELCh	62, 59.486, 43.920
Yxy	30.5477, 0.4996, 0.3670
Android (android.graphics.Color)	4293555279 (0xFFEA744F)
YUV	147.0640, -33.5556, 76.2429
Hunter-Lab	55.2700, 37.5913, 26.7801

Details

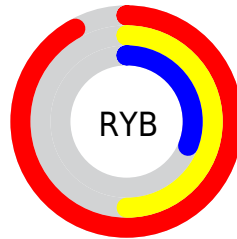
The YUV color **147.0640, -33.5556, 76.2429** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **165.9360, 33.5556, -76.2429**, and the grayscale version is **147.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.7410, -30.4383, 56.3551**, and **92.6440, -29.8975, 69.5952** is the 20% darker color. If you saturate the color by 10%, you get **133.8760, -38.3929, 87.8087**, and if you desaturate by 10%, it is **160.2520, -28.7182, 64.6770**.

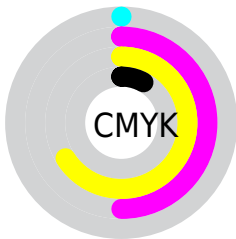
Distribution



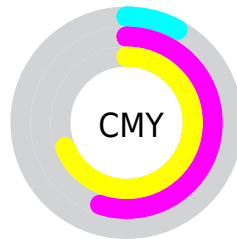
- Red (92%)
- Green (45%)
- Blue (31%)



- Red (92%)
- Yellow (50%)
- Blue (31%)



- Cyan (0%)
- Magenta (50%)
- Yellow (66%)
- Black (8%)



- Cyan (8%)
- Magenta (55%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.0640, -33.5556, 76.2429 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 147.0640, -33.5556, 76.2429 by changing the saturation by 10% instead.

147.0640,
-33.5556, 76.2429

147.0640,
-33.5556, 76.2429

255.0000, 0.0000,
0.0000

119.7970,
-31.9449, 72.9690

190.7410,
-30.4383, 56.3551

92.6440, -29.8975,
69.5952

210.2550,
-26.7477, 39.2414

65.0890, -28.1449,
67.4509

230.3560,
-23.3465, 21.6128

36.1350, -17.8146,
67.4106

249.9840,
-19.2191, 4.3990

24.8170, -12.2348,
51.0265

253.1760, -6.9888,
1.5996

16.8580, -7.8180,
34.3275

5.9800, -2.9481,

12.2955

■ 0.0000, 0.0000,
0.0000

■ 147.0640,
-33.5556, 76.2429

■ 147.0640,
-33.5556, 76.2429

■ 133.8760,
-38.3929, 87.8087

■ 160.2520,
-28.7182, 64.6770

■ 120.5740,
-43.6670, 99.4746

■ 173.5540,
-23.4441, 53.0111

■ 107.9730,
-48.7937, 110.5257


■ 186.1550,
-18.3174, 41.9601

■ 102.8380,
-50.6991, 115.0291

■ 199.4570,
-13.0433, 30.2942

■ 212.6450, -8.2060,
18.7283

 225.8330, -3.3687,
7.1625

 239.1350, 1.9054,
-4.5034

 248.7210, 3.0955,
-12.9103

Harmonies

Analogous

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



147.4330, -9.5805, 86.4433



147.0640, -33.5556, 76.2429



145.3060, -50.9299, 48.8436

Triad

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



147.0640, -33.5556, 76.2429



115.7040, 1.6249, -101.4724



143.8240, 53.8238, -43.6956

Complementary

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



147.0640, -33.5556, 76.2429



165.9360, 33.5556, -76.2429

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.



124.8820, 62.1762, -109.5215



147.0640, -33.5556, 76.2429



123.1480, 25.0700, -108.0008

Square

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



147.0640, -33.5556, 76.2429



134.3000, -32.1929, -34.4661



126.8590, 46.9045, -111.2553



154.2690, 35.8564, 26.0741

Rectangle

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



147.0640, -33.5556, 76.2429



142.8270, -54.6377, 24.7077



126.8590, 46.9045, -111.2553



126.9430, 63.1321, -89.4040

Sweetspot

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



147.0640, -33.5556, 76.2429



226.2930, -10.9904, 25.1760



138.9110, 29.1309, 83.3931



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.



147.0640, -33.5556, 76.2429



142.2750, -43.5196, 98.8598



192.2630, -55.8387, 36.6033



110.4630, -2.2003, 5.7329



79.3600, -39.1245, 89.1383



23.7770, -11.7221, 26.5056

Inverse Universe

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



165.9360, 33.5556, -76.2429



166.7250, 43.5196, -98.8598



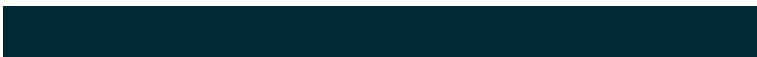
120.7370, 55.8387, -36.6033



111.9500, 2.4897, -5.2181



101.6400, 39.1245, -89.1383



30.2230, 11.7221, -26.5056

Previews

White Background



This preview shows how the YUV color 147.0640, -33.5556, 76.2429 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 147.0640, -33.5556, 76.2429 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 147.0640, -33.5556, 76.2429

Background



This preview shows how black text looks on a background with the YUV color 147.0640, -33.5556, 76.2429.



This preview shows how white text looks on a background with the YUV color 147.0640, -33.5556,

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

147.0640, -33.5556, 76.2429

Protanopia

148.3460, -28.2716, 14.6056

Deuteranopia

147.8770, -36.9144, 33.4339



Tritanopia

149.2870, -14.9315, 76.0473

Trichromacy



Original Color

147.0640, -33.5556, 76.2429

Protanomaly

147.7340, -29.9419, 37.0673

Deuteranomaly

147.3180, -35.6528, 48.8331

Tritanomaly

148.4520, -21.9148, 75.9026

Monochromacy



Original Color

147.0640, -33.5556, 76.2429

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.2610, -12.4537, 27.8351

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.0640, -33.5556, 76.2429 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(234, 116, 79)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 116, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 116, 79) }
```

Border

The CSS property to change the border of an element to YUV 147.0640, -33.5556, 76.2429 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(234, 116, 79) }
```


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

```
.border{ border-color:rgb(234, 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(234, 116, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 116, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 116, 79);  
box-shadow:4px 4px 4px 4px rgb(234, 116,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 147.0640, -33.5556, 76.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 116, 79) }
```

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

```
.background{ background-color: rgb(234,  
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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