

Converting Colors

YUV(149.4440, -33.2499,
71.5246)

Have a look what the booklet for
YUV(149.4440, -33.2499, 71.5246)
contains.

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Color

**YUV(149.4440, -33.2499,
71.5246)**

Conversions

Conversions Part 1

Format	Color
Hex	E77952
RGB	231, 121, 82
RGB Percent	91%, 47%, 32%
CMY	0.0941, 0.5255, 0.6784
CMYK	0.00, 0.48, 0.65, 0.09
HSL	16°, 76%, 61%
HSV	16°, 65%, 91%
XYZ	41.3154, 31.2729, 11.8414
YIQ	149.4440, 78.0790, 11.1910

Conversions

Conversions Part 2

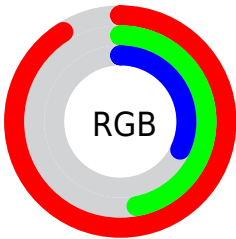
Format	Color
RYB	231, 135, 82
Decimal	15169874
CIELab	62.74, 39.37, 40.29
CIELCh	63, 56.333, 45.659
Yxy	31.2729, 0.4893, 0.3704
Android (android.graphics.Color)	4293359954 (0xFFE77952)
YUV	149.4440, -33.2499, 71.5246
Hunter-Lab	55.9221, 34.0123, 26.5910

Details

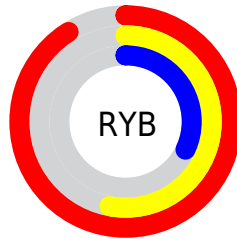
The YUV color **149.4440, -33.2499, 71.5246** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **163.5560, 33.2499, -71.5246**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.0180, -30.5749, 53.4812**, and **95.3230, -29.7392, 65.4917** is the 20% darker color. If you saturate the color by 10%, you get **136.8430, -38.3766, 82.5757**, and if you desaturate by 10%, it is **162.0450, -28.1232, 60.4735**.

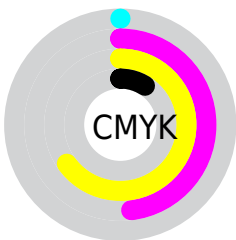
Distribution



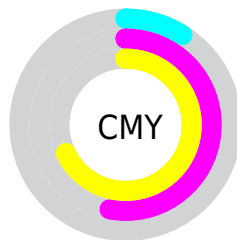
- Red (91%)
- Green (47%)
- Blue (32%)



- Red (91%)
- Yellow (53%)
- Blue (32%)



- Cyan (0%)
- Magenta (48%)
- Yellow (65%)
- Black (9%)



- Cyan (9%)
- Magenta (53%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the YUV color 149.4440, -33.2499, 71.5246 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 149.4440, -33.2499, 71.5246 by changing the saturation by 10% instead.


 149.4440,
-33.2499, 71.5246


 149.4440,
-33.2499, 71.5246


255.0000, 0.0000,
0.0000


 122.1770,
-31.6393, 68.2508


 194.0180,
-30.5749, 53.4812

 95.3230, -29.7392,
65.4917


 213.5320,
-26.8843, 36.3674


 68.9420, -28.5654,
62.3179


 233.6330,
-23.4831, 18.7389

 42.5810, -20.9924,
60.0035

 250.3260,
-17.9087, 4.0991

 24.5180, -12.0874,
50.4117

 253.6320, -5.2416,
1.1997

 16.4450, -8.1074,
33.8127

 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,
0.0000

■ 149.4440,
-33.2499, 71.5246

■ 149.4440,
-33.2499, 71.5246

■ 136.8430,
-38.3766, 82.5757

■ 162.0450,
-28.1232, 60.4735

■ 124.2420,
-43.5033, 93.6268

■ 174.6460,
-22.9965, 49.4225

■ 111.6410,
-48.6300, 104.6778

■ 187.2470,
-17.8698, 38.3714

■ 104.2890,
-51.4145, 111.1255

■ 199.8480,
-12.7431, 27.3203

■ 212.5630, -7.1796,
16.1692

■ 225.1640, -2.0529,
5.1182

■ 237.7650, 3.0739,
-5.9329

■ 247.8240, 3.5378,
-14.7546

Harmonies

Analogous

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



150.3570, -11.0220, 82.1249



149.4440, -33.2499, 71.5246



147.9680, -48.2982, 44.7551

Triad

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



149.4440, -33.2499, 71.5246



116.9750, 3.9563, -102.5871



147.7390, 49.4287, -33.9741

Complementary

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



149.4440, -33.2499, 71.5246



163.5560, 33.2499, -71.5246

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.



124.5400, 60.8658, -109.2216



149.4440, -33.2499, 71.5246



123.4900, 26.3804, -108.3007

Square

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



149.4440, -33.2499, 71.5246



136.7990, -28.9879, -35.7807



126.8590, 46.9045, -111.2553



156.0690, 32.5040, 28.0035

Rectangle

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



149.4440, -33.2499, 71.5246



145.0700, -49.8275, 21.8636



126.8590, 46.9045, -111.2553



138.1480, 55.6360, -65.0278

Sweetspot

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



149.4440, -33.2499, 71.5246



228.3960, -10.5482, 23.3317



139.3190, 26.9577, 80.4042



111.6660, -6.7373, 14.3249



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.



149.4440, -33.2499, 71.5246



147.5410, -43.6507, 94.2415



192.2950, -54.3754, 33.9443



108.3490, -2.6371, 5.8329



81.1100, -39.9872, 85.8495



22.8800, -11.2798, 24.6612

Inverse Universe

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



163.5560, 33.2499, -71.5246



166.4590, 43.6507, -94.2415



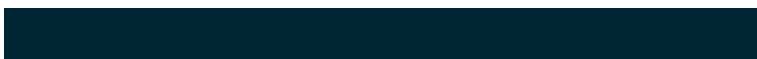
120.7050, 54.3754, -33.9443



109.6510, 2.6371, -5.8329



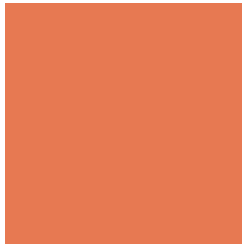
97.8900, 39.9872, -85.8495



28.1200, 11.2798, -24.6612

Previews

White Background



This preview shows how the YUV color 149.4440, -33.2499, 71.5246 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 149.4440, -33.2499, 71.5246 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

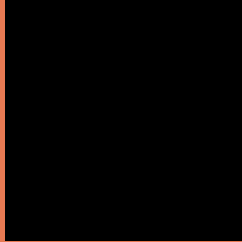
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 149.4440, -33.2499, 71.5246

Background



This preview shows how black text looks on a background with the YUV color 149.4440, -33.2499, 71.5246.



This preview shows how white text looks on a background with the YUV color 149.4440, -33.2499, 71.5246.

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

149.4440, -33.2499, 71.5246

Protanopia

149.4600, -27.8348, 14.5056

Deuteranopia

149.8060, -35.8934, 32.6191



Tritanopia

151.8950, -13.7522, 71.1291

Trichromacy



Original Color

149.4440, -33.2499, 71.5246

Protanomaly

149.7230, -29.9364, 35.3229

Deuteranomaly

149.5350, -34.7738, 46.8888

Tritanomaly

151.0600, -20.7356, 70.9844

Monochromacy



Original Color

149.4440, -33.2499, 71.5246

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.3640, -12.0115, 25.9908

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.4440, -33.2499, 71.5246 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(231, 121, 82)` looks like.

```
.text, #text, p{  
    color:rgb(231, 121, 82)  
}
```

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(231, 121, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 121, 82) }
```

Border

The CSS property to change the border of an element to YUV 149.4440, -33.2499, 71.5246 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(231, 121, 82) }
```


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

```
.border{ border-color:rgb(231, 121, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 121, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 121, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 121, 82);  
box-shadow:4px 4px 4px 4px rgb(231, 121,  
82) }
```

Background

The CSS property to change the background color of an element to YUV 149.4440, -33.2499, 71.5246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 121, 82) }
```

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

```
.background{ background-color: rgb(231,  
121, 82) }
```

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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