

Converting Colors

YUV(147.2700, -32.6711,
72.5542)

Have a look what the booklet for
YUV(147.2700, -32.6711, 72.5542)
contains.

YUV(147.2700, -32.6711, 72.5542)	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(147.2700, -32.6711,
72.5542)**

Conversions

Conversions Part 1

Format	Color
Hex	E67651
RGB	230, 118, 81
RGB Percent	90%, 46%, 32%
CMY	0.0980, 0.5373, 0.6824
CMYK	0.00, 0.49, 0.65, 0.10
HSL	15°, 75%, 61%
HSV	15°, 65%, 90%
XYZ	40.5968, 30.3739, 11.5077
YIQ	147.2700, 78.6290, 12.2370

Conversions

Conversions Part 2

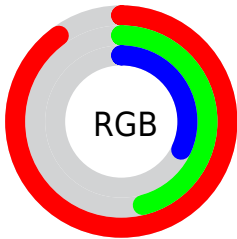
Format	Color
R _Y B	230, 130, 81
Decimal	15103569
CIE Lab	61.98, 40.45, 39.88
CIE LCh	62, 56.802, 44.596
Yxy	30.3739, 0.4922, 0.3683
Android (android.graphics.Color)	4293293649 (0xFFE67651)
YUV	147.2700, -32.6711, 72.5542
Hunter-Lab	55.1126, 35.0389, 26.1989

Details

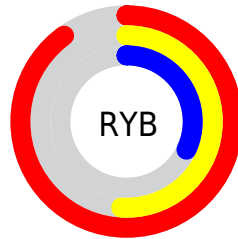
The YUV color **147.2700, -32.6711, 72.5542** is a dark color, and the websafe version is hex **CC6633**. The color can be described as middle muted orange. A complement of this color would be **163.7300, 32.6711, -72.5542**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.1430, -30.1435, 55.1256**, and **93.1490, -29.1605, 66.5213** is the 20% darker color. If you saturate the color by 10%, you get **134.6690, -37.7978, 83.6053**, and if you desaturate by 10%, it is **159.8710, -27.5444, 61.5031**.

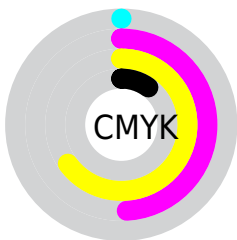
Distribution



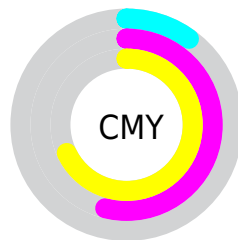
- Red (90%)
- Green (46%)
- Blue (32%)



- Red (90%)
- Yellow (51%)
- Blue (32%)



- Cyan (0%)
- Magenta (49%)
- Yellow (65%)
- Black (10%)



- Cyan (10%)
- Magenta (54%)
- Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.2700, -32.6711, 72.5542 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 147.2700, -32.6711, 72.5542 by changing the saturation by 10% instead.

147.2700,
-32.6711, 72.5542

147.2700,
-32.6711, 72.5542

255.0000, 0.0000,
0.0000

120.0030,
-31.0605, 69.2804

192.1430,
-30.1435, 55.1256

93.1490, -29.1605,
66.5213

211.6570,
-26.4529, 38.0118

66.8820, -27.5498,
63.2475

231.1710,
-22.7623, 20.8980

38.7600, -19.1087,
62.4775

250.2120,
-18.3455, 4.1991

24.2190, -11.9400,
49.7969

253.4040, -6.1152,
1.3997

16.2600, -7.5232,
33.0980

4.4850, -2.2111,

9.2217

■ 0.0000, 0.0000,
0.0000

■ 147.2700,
-32.6711, 72.5542

■ 147.2700,
-32.6711, 72.5542

■ 134.6690,
-37.7978, 83.6053

■ 159.8710,
-27.5444, 61.5031

■ 121.4810,
-42.6351, 95.1712

■ 173.0590,
-22.7071, 49.9373

■ 108.8800,
-47.7618, 106.2222

■ 185.6600,
-17.5804, 38.8862

■ 102.2290,
-50.3989, 112.0552

■ 198.2610,
-12.4537, 27.8351

■ 210.8620, -7.3270,
16.7840

■ 224.0500, -2.4897,
5.2181

■ 236.6510, 2.6371,
-5.8329

■ 247.5250, 3.6852,
-15.3694

Harmonies

Analogous

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



147.8840, -10.2958, 82.5397



147.2700, -32.6711, 72.5542



145.6800, -48.1562, 45.8846

Triad

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



147.2700, -32.6711, 72.5542



115.3450, 2.7879, -101.1576



144.9450, 50.3131, -37.6628

Complementary

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



147.2700, -32.6711, 72.5542



163.7300, 32.6711, -72.5542

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.



123.8390, 60.7184, -108.6068



147.2700, -32.6711, 72.5542



121.9740, 25.6488, -106.9712

Square

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



147.2700, -32.6711, 72.5542



134.5820, -29.8669, -33.8364



125.3430, 46.1729, -109.9258



154.2860, 33.3830, 26.0592

Rectangle

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



147.2700, -32.6711, 72.5542



143.1410, -50.8485, 22.6783



125.3430, 46.1729, -109.9258



133.8590, 57.2575, -71.7903

Sweetspot

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



147.2700, -32.6711, 72.5542



228.3960, -10.5482, 23.3317



138.5470, 27.8313, 80.2043



111.0790, -6.4479, 14.8397



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.



147.2700, -32.6711, 72.5542



144.2640, -43.5142, 97.1155



189.5340, -53.5073, 35.4887



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.



163.7300, 32.6711, -72.5542



166.7360, 43.5142, -97.1155



121.4660, 53.5073, -35.4887



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 147.2700, -32.6711, 72.5542 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 147.2700, -32.6711, 72.5542 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 147.2700, -32.6711, 72.5542

Background



This preview shows how black text looks on a background with the YUV color 147.2700, -32.6711, 72.5542.



This preview shows how white text looks on a background with the YUV color 147.2700, -32.6711, 72.5542.

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

147.2700, -32.6711, 72.5542

Protanopia

147.6880, -26.9612, 14.3056

Deuteranopia

147.9200, -35.4566, 32.5192



Tritanopia

149.4930, -14.0470, 72.3586

Trichromacy



Original Color

147.2700, -32.6711, 72.5542

Protanomaly

147.3640, -28.7735, 35.6378

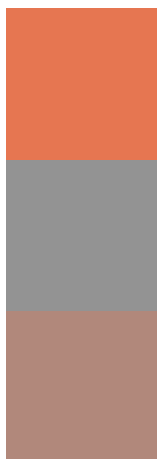
Deuteranomaly

147.6490, -34.3370, 46.7888

Tritanomaly

148.6580, -21.0304, 72.2139

Monochromacy



Original Color

147.2700, -32.6711, 72.5542

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

146.7770, -11.7221, 26.5056

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.2700, -32.6711, 72.5542 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(230, 118, 81)` looks like.

```
.text, #text, p{  
    color:rgb(230, 118, 81)  
}
```

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(230, 118, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 118, 81) }
```

Border

The CSS property to change the border of an element to YUV 147.2700, -32.6711, 72.5542 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(230, 118, 81) }
```


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

```
.border{ border-color:rgb(230, 118, 81) }
```

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

Here you see how a box with a 4 pixel rgb(230, 118, 81) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 118, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 118, 81);  
box-shadow:4px 4px 4px 4px rgb(230, 118,  
81) }
```

Background

The CSS property to change the background color of an element to YUV 147.2700, -32.6711, 72.5542 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 118, 81) }
```

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

```
.background{ background-color: rgb(230,  
118, 81) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor