

Converting Colors

YUV(153.5700, -37.7490,
67.9061)

Have a look what the booklet for
YUV(153.5700, -37.7490, 67.9061)
contains.

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Color

**YUV(153.5700, -37.7490,
67.9061)**

Conversions

Conversions Part 1

Format	Color
Hex	E7814D
RGB	231, 129, 77
RGB Percent	91%, 51%, 30%
CMY	0.0941, 0.4941, 0.6980
CMYK	0.00, 0.44, 0.67, 0.09
HSL	20°, 76%, 60%
HSV	20°, 67%, 91%
XYZ	42.1448, 33.2253, 11.2130
YIQ	153.5700, 77.4840, 5.4520

Conversions

Conversions Part 2

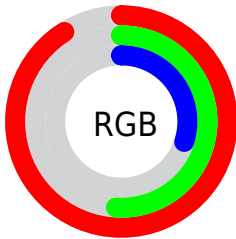
Format	Color
RYB	231, 156, 77
Decimal	15171917
CIELab	64.34, 34.97, 44.78
CIELCh	64, 56.814, 52.011
Yxy	33.2253, 0.4868, 0.3837
Android (android.graphics.Color)	4293361997 (0xFFE7814D)
YUV	153.5700, -37.7490, 67.9061
Hunter-Lab	57.6414, 29.6389, 28.8152

Details

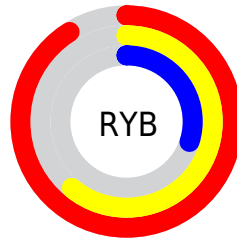
The YUV color **153.5700, -37.7490, 67.9061** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **154.4300, 37.7490, -67.9061**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.2580, -34.6372, 49.7627**, and **99.9220, -34.9645, 61.4584** is the 20% darker color. If you saturate the color by 10%, you get **142.1430, -43.4545, 77.9276**, and if you desaturate by 10%, it is **164.9970, -32.0435, 57.8846**.

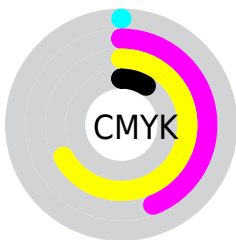
Distribution



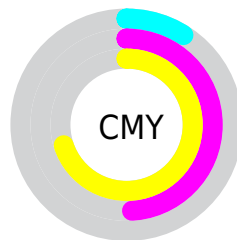
- Red (91%)
- Green (51%)
- Blue (30%)



- Red (91%)
- Yellow (61%)
- Blue (30%)



- Cyan (0%)
- Magenta (44%)
- Yellow (67%)
- Black (9%)



- Cyan (9%)
- Magenta (49%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5700, -37.7490, 67.9061 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 153.5700, -37.7490, 67.9061 by changing the saturation by 10% instead.

153.5700,
-37.7490, 67.9061

153.5700,
-37.7490, 67.9061

255.0000, 0.0000,
0.0000

126.3030,
-36.1384, 64.6323

198.2580,
-34.6372, 49.7627

99.9220, -34.9645,
61.4584

217.6580,
-31.3834, 32.7489

73.3130, -34.6643,
58.4845

237.7590,
-27.9822, 15.1204

49.6250, -24.4651,
53.8259

249.7560,
-20.0927, 4.5990

24.5180, -12.0874,
50.4117

253.0620, -7.4256,
1.6996

16.4450, -8.1074,
33.8127

6.8770, -3.3904,

14.1399

■ 0.0000, 0.0000,
0.0000

■ 153.5700,
-37.7490, 67.9061

■ 153.5700,
-37.7490, 67.9061

■ 142.1430,
-43.4545, 77.9276

■ 164.9970,
-32.0435, 57.8846

■ 130.1290,
-48.8706, 88.4639

■ 177.0110,
-26.6274, 47.3484

■ 118.7020,
-54.5761, 98.4853

■ 188.4380,
-20.9219, 37.3269

■ 114.8550,
-56.6235, 101.8592

■ 199.8650,
-15.2164, 27.3054

■ 211.4060, -9.0742,
17.1839

■ 223.4200, -3.6581,
6.6477

■ 234.8470, 2.0474,
-3.3738

■ 245.4760, 4.6953,
-12.6955

■ 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.



154.5760, -16.5530, 82.8098



153.5700, -37.7490, 67.9061



151.3540, -50.4605, 38.2775

Triad

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



153.5700, -37.7490, 67.9061



121.6200, 9.0613, -106.6607



155.4420, 46.6171, -18.8046

Complementary

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



153.5700, -37.7490, 67.9061



154.4300, 37.7490, -67.9061

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.



126.5120, 63.3446, -110.9510



153.5700, -37.7490, 67.9061



128.1350, 31.4854, -112.3744

Square

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



153.5700, -37.7490, 67.9061



138.2150, -23.2770, -47.5466



130.1020, 51.7147, -114.0995



160.8100, 28.6877, 38.7546

Rectangle

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



153.5700, -37.7490, 67.9061



148.5420, -49.0742, 13.5567



130.1020, 51.7147, -114.0995



149.6560, 51.9346, -44.4253

Sweetspot

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



153.5700, -37.7490, 67.9061



229.2280, -12.4374, 22.6020



134.7880, 22.2895, 84.3779



112.1390, -7.4635, 13.9101



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.



153.5700, -37.7490, 67.9061



152.4990, -50.0390, 89.8934



198.1820, -59.7427, 28.7814



108.9360, -2.9264, 5.3181



88.7410, -43.7493, 79.1571



25.2280, -12.4374, 22.6020

Inverse Universe

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



154.4300, 37.7490, -67.9061



153.5010, 50.0390, -89.8934



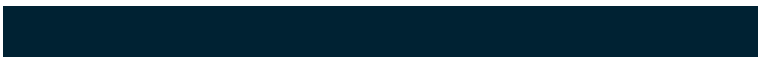
109.8180, 59.7427, -28.7814



109.0640, 2.9264, -5.3181



89.6720, 44.0387, -78.6423



25.7720, 12.4374, -22.6020

Previews

White Background



This preview shows how the YUV color 153.5700, -37.7490, 67.9061 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 153.5700, -37.7490, 67.9061 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 153.5700, -37.7490, 67.9061 Background



This preview shows how black text looks on a background with the YUV color 153.5700, -37.7490, 67.9061.



This preview shows how white text looks on a background with the YUV color 153.5700, -37.7490,

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

153.5700, -37.7490, 67.9061

Protanopia

153.3910, -33.2238, 16.3201

Deuteranopia

153.3780, -40.1194, 34.7485



Tritanopia

157.1010, -12.8678, 67.4404

Trichromacy



Original Color

153.5700, -37.7490, 67.9061

Protanomaly

153.4580, -34.7358, 34.6783

Deuteranomaly

153.6830, -39.2837, 46.7590

Tritanomaly

155.6960, -22.0351, 67.7956

Monochromacy



Original Color

153.5700, -37.7490, 67.9061

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8970, -13.7532, 24.6463

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5700, -37.7490, 67.9061 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, 129, 77)` looks like.

```
.text, #text, p{  
    color:rgb(231, 129, 77)  
}
```

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, 129, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 129, 77) }
```

Border

The CSS property to change the border of an element to YUV 153.5700, -37.7490, 67.9061 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, 129, 77) }
```


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

```
.border{ border-color:rgb(231, 129, 77) }
```

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

Here you see how a box with a 4 pixel rgb(231, 129, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 129, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 129, 77);  
box-shadow:4px 4px 4px 4px rgb(231, 129,  
77) }
```

Background

The CSS property to change the background color of an element to YUV 153.5700, -37.7490, 67.9061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 129, 77) }
```

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

```
.background{ background-color: rgb(231,  
129, 77) }
```

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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