

Converting Colors

YUV(153.7200, -48.6690,
70.4056)

Have a look what the booklet for
YUV(153.7200, -48.6690, 70.4056)
contains.

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Color

**YUV(153.7200, -48.6690,
70.4056)**

Conversions

Conversions Part 1

Format	Color
Hex	EA8437
RGB	234, 132, 55
RGB Percent	92%, 52%, 22%
CMY	0.0824, 0.4824, 0.7843
CMYK	0.00, 0.44, 0.76, 0.08
HSL	26°, 81%, 57%
HSV	26°, 76%, 92%
XYZ	42.8725, 34.2708, 7.9697
YIQ	153.7200, 85.5090, -2.3230

Conversions

Conversions Part 2

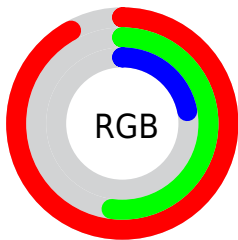
Format	Color
R _Y B	234, 190, 55
Decimal	15369271
CIE Lab	65.18, 33.56, 56.30
CIE LCh	65, 65.541, 59.203
Yxy	34.2708, 0.5037, 0.4027
Android (android.graphics.Color)	4293559351 (0xFFEA8437)
YUV	153.7200, -48.6690, 70.4056
Hunter-Lab	58.5413, 28.2768, 32.9072

Details

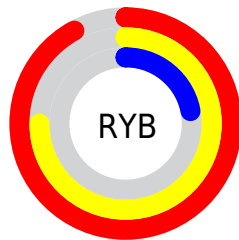
The YUV color **153.7200, -48.6690, 70.4056** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **135.2800, 48.6690, -70.4056**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.6250, -44.6781, 50.3179**, and **98.9750, -48.7947, 64.0429** is the 20% darker color. If you saturate the color by 10%, you get **143.4670, -54.9532, 79.3974**, and if you desaturate by 10%, it is **163.9730, -42.3847, 61.4137**.

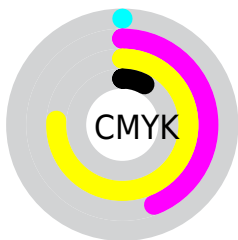
Distribution



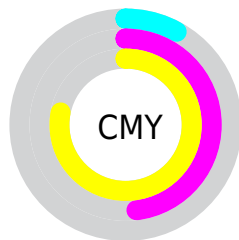
- Red (92%)
- Green (52%)
- Blue (22%)



- Red (92%)
- Yellow (75%)
- Blue (22%)



- Cyan (0%)
- Magenta (44%)
- Yellow (76%)
- Black (8%)





- Cyan (8%)
- Magenta (48%)
- Yellow (78%)

Brightness & Saturation Gradients


These gradients show how the YUV color 153.7200, -48.6690, 70.4056 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 153.7200, -48.6690, 70.4056 by changing the saturation by 10% instead.


 153.7200,
-48.6690, 70.4056


 153.7200,
-48.6690, 70.4056


255.0000, 0.0000,
0.0000


 126.1110,
-48.3687, 67.4317


 197.6250,
-44.6781, 50.3179

 98.9750, -48.7947,
64.0429


 217.0250,
-41.4243, 33.3041


 75.9170, -37.4271,
57.9548


 237.1260,
-38.0231, 15.6755

 52.2720, -25.7701,
52.3815

 247.3620,
-29.2655, 6.6985

 27.7520, -13.6817,
48.4525

 250.5540,
-17.0351, 3.8991

 16.7440, -8.2548,
34.4275

 253.8600, -4.3680,

 7.8880, -3.3958,

0.9998

15.8842

■ 0.0000, 0.0000,
0.0000

■ 153.7200,
-48.6690, 70.4056

■ 153.7200,
-48.6690, 70.4056

■ 143.4670,
-54.9532, 79.3974

■ 163.9730,
-42.3847, 61.4137

■ 132.5130,
-61.3849, 89.0041


■ 174.9270,
-35.9530, 51.8070


■ 129.2530,
-63.7217, 91.8631

■ 185.1800,
-29.6687, 42.8151

■ 195.5470,
-22.9477, 33.7233

■ 206.3870,
-16.9528, 24.2166

 216.6400,
-10.6685, 15.2247

 227.0070, -3.9475,
6.1329

 237.8470, 2.0474,
-3.3738

 246.9600, 3.9637,
-11.3659

Harmonies

Analogous

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



152.0840, -23.7054, 90.2573



153.7200, -48.6690, 70.4056



149.8900, -63.5428, 34.2995

Triad

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



153.7200, -48.6690, 70.4056



126.8520, 13.8770, -111.2492



159.0570, 47.2999, -4.4350

Complementary

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



153.7200, -48.6690, 70.4056



135.2800, 48.6690, -70.4056

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.



125.9250, 63.6340, -110.4362



153.7200, -48.6690, 70.4056



132.9910, 39.9374, -116.6331

Square

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



153.7200, -48.6690, 70.4056



126.9440, -15.7484, -82.3889



134.1430, 59.5825, -117.6434



161.5180, 28.3386, 57.4277

Rectangle

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



153.7200, -48.6690, 70.4056



147.0110, -57.1934, 4.3754



134.1430, 59.5825, -117.6434



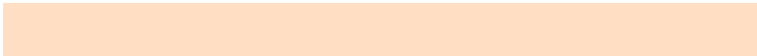
152.6900, 50.4388, -31.3001

Sweetspot

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



153.7200, -48.6690, 70.4056



228.9030, -16.2212, 22.8871



120.3770, 19.0411, 99.6474



111.5690, -9.6475, 14.4100



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.



153.7200, -48.6690, 70.4056



149.5520, -63.8691, 92.4779



204.7890, -73.8460, 25.6180



112.2240, -3.0684, 4.1886



99.9050, -49.2532, 71.1203



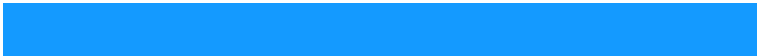
29.6470, -14.6160, 21.3576

Inverse Universe

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



135.2800, 48.6690, -70.4056



125.4480, 63.8691, -92.4779



84.2110, 73.8460, -25.6180



110.7760, 3.0684, -4.1886



81.0950, 49.2532, -71.1203



24.3530, 14.6160, -21.3576

Previews

White Background



This preview shows how the YUV color 153.7200, -48.6690, 70.4056 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 153.7200, -48.6690, 70.4056 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 153.7200, -48.6690, 70.4056

Background



This preview shows how black text looks on a background with the YUV color 153.7200, -48.6690, 70.4056.



This preview shows how white text looks on a background with the YUV color 153.7200, -48.6690,

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

153.7200, -48.6690, 70.4056

Protanopia

153.3240, -45.0227, 20.7639

Deuteranopia

153.7240, -51.6289, 39.7071



Tritanopia

159.1120, -12.8732, 69.1848

Trichromacy



Original Color

153.7200, -48.6690, 70.4056

Protanomaly

153.3910, -46.5348, 39.1221

Deuteranomaly

153.7300, -50.6459, 51.1028

Tritanomaly

157.3820, -25.8243, 69.8250

Monochromacy



Original Color

153.7200, -48.6690, 70.4056

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.8710, -17.6844, 25.5461

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.7200, -48.6690, 70.4056 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, 132, 55)` looks like.

```
.text, #text, p{  
    color:rgb(234, 132, 55)  
}
```

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, 132, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 132, 55) }
```

Border

The CSS property to change the border of an element to YUV 153.7200, -48.6690, 70.4056 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, 132, 55) }
```


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

```
.border{ border-color:rgb(234, 132, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 132, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 132, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 132, 55);  
box-shadow:4px 4px 4px 4px rgb(234, 132,  
55) }
```

Background

The CSS property to change the background color of an element to YUV 153.7200, -48.6690, 70.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 132, 55) }
```

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

```
.background{ background-color: rgb(234,  
132, 55) }
```

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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