

Converting Colors

YUV(152.4100, -48.5161,
68.0464)

Have a look what the booklet for
YUV(152.4100, -48.5161, 68.0464)
contains.

YUV(152.4100, -48.5161, 68.0464)	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(152.4100, -48.5161,
68.0464)**

Conversions

Conversions Part 1

Format	Color
Hex	E68436
RGB	230, 132, 54
RGB Percent	90%, 52%, 21%
CMY	0.0980, 0.4824, 0.7882
CMYK	0.00, 0.43, 0.77, 0.10
HSL	27°, 78%, 56%
HSV	27°, 77%, 90%
XYZ	41.5502, 33.5919, 7.7840
YIQ	152.4100, 83.4460, -3.4820

Conversions

Conversions Part 2

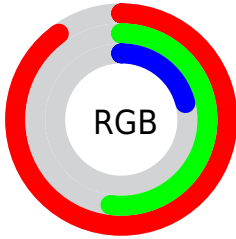
Format	Color
R _Y B	230, 194, 54
Decimal	15107126
CIE Lab	64.64, 31.90, 56.02
CIE LCh	65, 64.469, 60.343
Yxy	33.5919, 0.5011, 0.4051
Android (android.graphics.Color)	4293297206 (0xFFE68436)
YUV	152.4100, -48.5161, 68.0464
Hunter-Lab	57.9585, 26.5387, 32.6081

Details

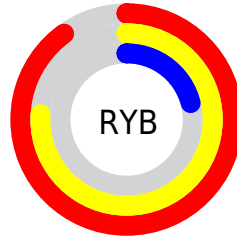
The YUV color **152.4100, -48.5161, 68.0464** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **131.5900, 48.5161, -68.0464**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.5110, -45.1149, 50.4179**, and **98.0780, -48.3525, 62.1986** is the 20% darker color. If you saturate the color by 10%, you get **142.1570, -54.8004, 77.0383**, and if you desaturate by 10%, it is **162.6630, -42.2319, 59.0545**.

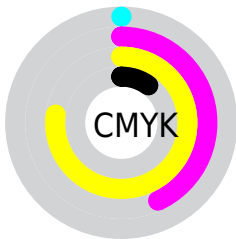
Distribution



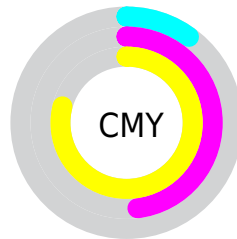
- Red (90%)
- Green (52%)
- Blue (21%)



- Red (90%)
- Yellow (76%)
- Blue (21%)



- Cyan (0%)
- Magenta (43%)
- Yellow (77%)
- Black (10%)



- Cyan (10%)
- Magenta (48%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.4100, -48.5161, 68.0464 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 152.4100, -48.5161, 68.0464 by changing the saturation by 10% instead.

152.4100,
-48.5161, 68.0464

152.4100,
-48.5161, 68.0464

255.0000, 0.0000,
0.0000

124.8010,
-48.2159, 65.0725

197.5110,
-45.1149, 50.4179

98.0780, -48.3525,
62.1986

216.9110,
-41.8611, 33.4041

75.0200, -36.9849,
56.1105

236.4250,
-38.1705, 16.2903

51.9620, -25.6173,
50.0223

247.2480,
-29.7023, 6.7985

28.0290, -13.8183,
45.5786

250.4400,
-17.4719, 3.9991

15.8470, -7.8126,
32.5832

253.7460, -4.8048,

5.9800, -2.9481,

1.0998

12.2955

■ 0.0000, 0.0000,
0.0000

■ 152.4100,
-48.5161, 68.0464

■ 152.4100,
-48.5161, 68.0464

■ 142.1570,
-54.8004, 77.0383

■ 162.6630,
-42.2319, 59.0545

■ 131.9040,
-61.0847, 86.0302


■ 172.9160,
-35.9476, 50.0627


■ 128.6440,
-63.4215, 88.8892

■ 182.5820,
-29.3739, 41.5856

■ 192.8350,
-23.0897, 32.5937

■ 203.0880,
-16.8054, 23.6018

 213.3410,
-10.5211, 14.6099

 223.5940, -4.2368,
5.6181

 233.2600, 2.3368,
-2.8590

 242.8290, 6.0003,
-11.2510

Harmonies

Analogous

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



151.8560, -24.5790, 90.4573



152.4100, -48.5161, 68.0464



148.3350, -61.7902, 32.1552

Triad

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



152.4100, -48.5161, 68.0464



125.7920, 14.8925, -110.3196



158.7800, 47.4365, -1.5611

Complementary

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



152.4100, -48.5161, 68.0464



131.5900, 48.5161, -68.0464

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.



124.7510, 64.2128, -109.4066



152.4100, -48.5161, 68.0464



131.8170, 40.5162, -115.6035

Square

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



152.4100, -48.5161, 68.0464



124.7910, -13.7010, -85.7627



132.9690, 60.1613, -116.6138



160.4750, 26.8808, 58.3424

Rectangle

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



152.4100, -48.5161, 68.0464



145.5700, -55.0040, 2.1311



132.9690, 60.1613, -116.6138



153.0110, 50.2806, -27.1966

Sweetspot

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



152.4100, -48.5161, 68.0464



228.9030, -16.2212, 22.8871



118.0240, 17.7362, 98.2030



112.1560, -9.9369, 13.8952



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.



152.4100, -48.5161, 68.0464



151.3130, -64.7373, 90.9335



202.8920, -73.4038, 23.7737



109.5230, -3.2158, 4.8033



99.8940, -49.2477, 69.3760



28.7500, -14.1738, 19.5132

Inverse Universe

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



131.5900, 48.5161, -68.0464



123.6870, 64.7373, -90.9335



81.1080, 73.4038, -23.7737



108.4770, 3.2158, -4.8033



78.5190, 49.5371, -68.8612



22.2500, 14.1738, -19.5132

Previews

White Background



This preview shows how the YUV color 152.4100, -48.5161, 68.0464 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 152.4100, -48.5161, 68.0464 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 152.4100, -48.5161, 68.0464 Background



This preview shows how black text looks on a background with the YUV color 152.4100, -48.5161, 68.0464.



This preview shows how white text looks on a background with the YUV color 152.4100, -48.5161,

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

152.4100, -48.5161, 68.0464

Protanopia

151.4380, -44.5859, 20.6639

Deuteranopia

151.8380, -51.1921, 39.6071



Tritanopia

157.9160, -12.2836, 66.7257

Trichromacy



Original Color

152.4100, -48.5161, 68.0464

Protanomaly

151.7930, -46.2399, 37.8925

Deuteranomaly

152.1320, -50.3511, 49.8732

Tritanomaly

156.0720, -25.6715, 67.4659

Monochromacy



Original Color

152.4100, -48.5161, 68.0464

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

152.1590, -17.8264, 24.4166

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.4100, -48.5161, 68.0464 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, 132, 54)` looks like.

```
.text, #text, p{  
  color:rgb(230, 132, 54)  
}
```

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, 132, 54) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 132, 54) }
```

Border

The CSS property to change the border of an element to YUV 152.4100, -48.5161, 68.0464 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, 132, 54) }
```


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

```
.border{ border-color:rgb(230, 132, 54) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 132, 54)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 132, 54); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 132, 54);  
box-shadow:4px 4px 4px 4px rgb(230, 132,  
54) }
```

Background

The CSS property to change the background color of an element to YUV 152.4100, -48.5161, 68.0464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 132, 54) }
```

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

```
.background{ background-color: rgb(230,  
132, 54) }
```

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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