

Converting Colors

YUV(148.3840, -52.4473,
68.9462)

Have a look what the booklet for
YUV(148.3840, -52.4473, 68.9462)
contains.

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Color

**YUV(148.3840, -52.4473,
68.9462)**

Conversions

Conversions Part 1

Format	Color
Hex	E3812A
RGB	227, 129, 42
RGB Percent	89%, 51%, 16%
CMY	0.1098, 0.4941, 0.8353
CMYK	0.00, 0.43, 0.81, 0.11
HSL	28°, 77%, 53%
HSV	28°, 81%, 89%
XYZ	39.9467, 32.1986, 6.3000
YIQ	148.3840, 86.3350, -6.2810

Conversions

Conversions Part 2

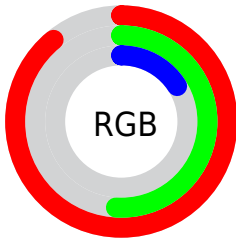
Format	Color
R _Y B	227, 206, 42
Decimal	14909738
CIE Lab	63.51, 31.83, 59.73
CIE LCh	64, 67.676, 61.947
Yxy	32.1986, 0.5092, 0.4105
Android (android.graphics.Color)	4293099818 (0xFFE3812A)
YUV	148.3840, -52.4473, 68.9462
Hunter-Lab	56.7438, 26.3595, 33.1379

Details

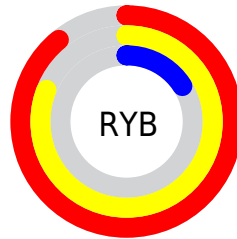
The YUV color **148.3840, -52.4473, 68.9462** is a dark color, and the websafe version is hex **CC6600**. The color can be described as middle washed orange. A complement of this color would be **120.6160, 52.4473, -68.9462**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.4960, -49.0515, 53.0620**, and **95.1210, -46.8947, 61.2839** is the 20% darker color. If you saturate the color by 10%, you get **138.7180, -59.0210, 77.4233**, and if you desaturate by 10%, it is **158.0500, -45.8736, 60.4692**.

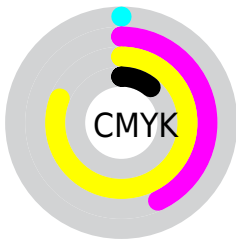
Distribution



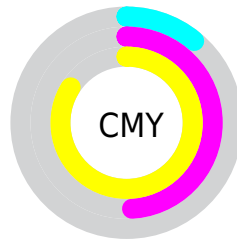
- Red (89%)
- Green (51%)
- Blue (16%)



- Red (89%)
- Yellow (81%)
- Blue (16%)



- Cyan (0%)
- Magenta (43%)
- Yellow (81%)
- Black (11%)



- Cyan (11%)
- Magenta (49%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.3840, -52.4473, 68.9462 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 148.3840, -52.4473, 68.9462 by changing the saturation by 10% instead.

148.3840,
-52.4473, 68.9462

148.3840,
-52.4473, 68.9462

255.0000, 0.0000,
0.0000

120.0910,
-54.7679, 66.5722

194.4960,
-49.0515, 53.0620

95.1210, -46.8947,
61.2839

213.8960,
-45.7977, 36.0482

72.0630, -35.5271,
55.1957

233.4100,
-42.1071, 18.9344

49.3040, -24.3069,
49.7224

245.9940,
-34.5070, 7.8983

25.3710, -12.5079,
45.2786

249.1860,
-22.2767, 5.0989

14.9500, -7.3703,
30.7388

252.4920, -9.6096,

2.9900, -1.4741,

2.1995

6.1478

■ 0.0000, 0.0000,
0.0000

■ 148.3840,
-52.4473, 68.9462

■ 148.3840,
-52.4473, 68.9462

■ 138.7180,
-59.0210, 77.4233

■ 158.0500,
-45.8736, 60.4692

■ 130.6820,
-64.4262, 84.4709

■ 167.6020,
-39.7368, 52.0920

■ 177.2680,
-33.1631, 43.6150

■ 186.9340,
-26.5895, 35.1379

■ 196.4860,
-20.4526, 26.7608

■ 206.1520,
-13.8789, 18.2837

■ 215.8180, -7.3053,
9.8066

■ 225.4840, -0.7316,
1.3295

■ 235.0360, 5.4053,
-7.0476

Harmonies

Analogous

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



148.0090, -26.6264, 93.8311



148.3840, -52.4473, 68.9462



143.0440, -70.5207, 32.4104

Triad

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



148.3840, -52.4473, 68.9462



124.6180, 15.4713, -109.2900



156.1440, 48.7360, 1.6277

Complementary

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



148.3840, -52.4473, 68.9462



120.6160, 52.4473, -68.9462

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.



122.9900, 65.0809, -107.8622



148.3840, -52.4473, 68.9462



130.8710, 41.9686, -114.7739

Square

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



148.3840, -52.4473, 68.9462



115.2020, -10.4526, -101.0322



131.2080, 61.0295, -115.0694



156.0350, 27.5907, 63.9903

Rectangle

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



148.3840, -52.4473, 68.9462



140.7070, -59.5086, 0.2570



131.2080, 61.0295, -115.0694



150.3640, 51.5855, -25.7522

Sweetspot

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



148.3840, -52.4473, 68.9462



229.2620, -17.3842, 22.5722



108.6010, 15.9727, 103.8359



112.0420, -10.3737, 13.9952



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.



148.3840, -52.4473, 68.9462



149.0160, -70.9999, 92.9480



202.3880, -79.0713, 21.5847



110.1100, -3.5052, 4.2885



102.8290, -50.6947, 66.8020



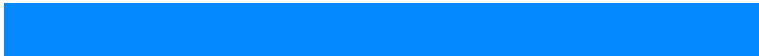
29.3370, -14.4631, 18.9985

Inverse Universe

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



120.6160, 52.4473, -68.9462



110.9840, 70.9999, -92.9480



66.6120, 79.0713, -21.5847



107.8900, 3.5052, -4.2885



76.1710, 50.6947, -66.8020



21.6630, 14.4631, -18.9985

Previews

White Background



This preview shows how the YUV color 148.3840, -52.4473, 68.9462 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 148.3840, -52.4473, 68.9462 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 148.3840, -52.4473, 68.9462

Background



This preview shows how black text looks on a background with the YUV color 148.3840, -52.4473, 68.9462.



This preview shows how white text looks on a background with the YUV color 148.3840, -52.4473,

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

148.3840, -52.4473, 68.9462

Protanopia

148.2980, -48.9539, 21.6637

Deuteranopia

147.6980, -55.5601, 40.6069



Tritanopia

154.8020, -12.7204, 66.8256

Trichromacy



Original Color

148.3840, -52.4473, 68.9462

Protanomaly

148.6530, -50.6079, 38.8923

Deuteranomaly

148.1060, -54.2823, 50.7730

Tritanomaly

152.6160, -27.4187, 67.8658

Monochromacy



Original Color

148.3840, -52.4473, 68.9462

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

148.1160, -19.2842, 25.3313

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.3840, -52.4473, 68.9462 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(227, 129, 42)` looks like.

```
.text, #text, p{  
    color:rgb(227, 129, 42)  
}
```

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(227, 129, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 129, 42) }
```

Border

The CSS property to change the border of an element to YUV 148.3840, -52.4473, 68.9462 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(227, 129, 42) }
```


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

```
.border{ border-color:rgb(227, 129, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 129, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 129, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 129, 42);  
box-shadow:4px 4px 4px 4px rgb(227, 129,  
42) }
```

Background

The CSS property to change the background color of an element to YUV 148.3840, -52.4473, 68.9462 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 129, 42) }
```

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

```
.background{ background-color: rgb(227,  
129, 42) }
```

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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