

Converting Colors

YUV(158.4190, -42.1116,
67.1615)

Have a look what the booklet for
YUV(158.4190, -42.1116, 67.1615)
contains.

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Color

**YUV(158.4190, -42.1116,
67.1615)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | EB8849 |
| RGB | 235, 136, 73 |
| RGB Percent | 92%, 53%, 29% |
| CMY | 0.0784, 0.4667, 0.7137 |
| CMYK | 0.00, 0.42, 0.69, 0.08 |
| HSL | 23°, 80%, 60% |
| HSV | 23°, 69%, 92% |
| XYZ | 44.2677, 35.7515, 10.8709 |
| YIQ | 158.4190, 79.2270, 1.3950 |

Conversions

Conversions Part 2

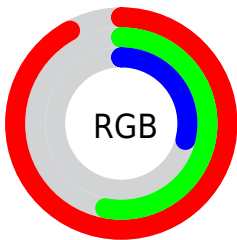
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 235, 176, 73 |
| Decimal | 15435849 |
| CIE _{Lab} | 66.33, 32.70, 49.17 |
| CIE _{LCh} | 66, 59.049, 56.369 |
| Yxy | 35.7515, 0.4870, 0.3933 |
| Android (android.graphics.Color) | 4293625929 (0xFFEB8849) |
| YUV | 158.4190, -42.1116, 67.1615 |
| Hunter-Lab | 59.7926, 27.5163, 31.0753 |

Details

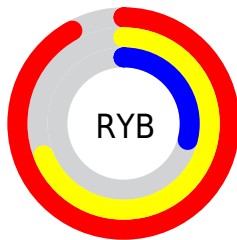
The YUV color **158.4190, -42.1116, 67.1615** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **149.5810, 42.1116, -67.1615**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.9110, -38.4101, 46.5591**, and **104.5430, -40.2007, 60.9138** is the 20% darker color. If you saturate the color by 10%, you get **147.5790, -48.1064, 76.6682**, and if you desaturate by 10%, it is **169.3730, -35.6799, 57.5549**.

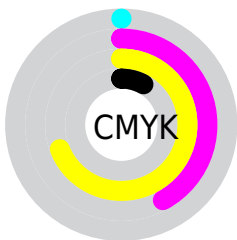
Distribution



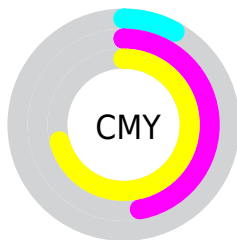
- Red (92%)
- Green (53%)
- Blue (29%)



- Red (92%)
- Yellow (69%)
- Blue (29%)



- Cyan (0%)
- Magenta (42%)
- Yellow (69%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4190, -42.1116, 67.1615 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 158.4190, -42.1116, 67.1615 by changing the saturation by 10% instead.

158.4190,
-42.1116, 67.1615

158.4190,
-42.1116, 67.1615

255.0000, 0.0000,
0.0000

131.0380,
-40.9377, 63.9877

201.9110,
-38.4101, 46.5591

104.5430,
-40.2007, 60.9138

221.4250,
-34.7195, 29.4453

78.2760, -38.5901,
57.6399

241.5260,
-31.3183, 11.8167

55.5170, -27.3699,
52.1666

249.4140,
-21.4031, 4.8989

31.5840, -15.5709,
47.7228

252.6060, -9.1728,
2.0995

17.3420, -8.5496,
35.6571

9.3830, -4.1328,

18.9581

■ 0.0000, 0.0000,
0.0000

■ 158.4190,
-42.1116, 67.1615

■ 158.4190,
-42.1116, 67.1615

■ 147.5790,
-48.1064, 76.6682

■ 169.3730,
-35.6799, 57.5549

■ 136.0380,
-54.2487, 86.7897

■ 180.8000,
-29.9744, 47.5334

■ 125.0840,
-60.6804, 96.3963


■ 191.6400,
-23.9795, 38.0267

■ 123.6820,
-60.9752, 97.6259


■ 202.5940,
-17.5478, 28.4201

■ 214.1350,
-11.4056, 18.2986

 224.9750, -5.4107,
8.7919

 236.5160, 0.7316,
-1.3295

 246.6720, 4.1057,
-10.2363

 249.0200, 2.9481,
-12.2955

Harmonies

Analogous

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



158.8490, -20.6316, 84.3244



158.4190, -42.1116, 67.1615



155.2350, -53.3599, 34.8739

Triad

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



158.4190, -42.1116, 67.1615



127.2110, 12.7140, -111.5640



162.5680, 45.5690, -9.2681

Complementary

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



158.4190, -42.1116, 67.1615



149.5810, 42.1116, -67.1615

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.



128.2730, 62.4764, -112.4954



158.4190, -42.1116, 67.1615



133.3670, 36.3011, -116.9629

Square

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



158.4190, -42.1116, 67.1615



140.0610, -19.7501, -58.8125



134.6330, 56.3829, -118.0731



166.1100, 27.0608, 47.2615

Rectangle

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



158.4190, -42.1116, 67.1615



152.8680, -50.2209, 8.0088



134.6330, 56.3829, -118.0731



156.5110, 48.5551, -33.7741

Sweetspot

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



158.4190, -42.1116, 67.1615



229.4730, -14.0372, 22.3872



132.8380, 19.7999, 89.5961



112.6120, -8.1897, 13.4953



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.



158.4190, -42.1116, 67.1615



155.1090, -55.2697, 87.6044



205.3790, -65.2628, 25.9776



111.6370, -2.7790, 4.7034



95.2090, -46.9380, 75.2387



28.4730, -14.0372, 22.3872

Inverse Universe

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



149.5810, 42.1116, -67.1615



143.4780, 54.9803, -88.1192



102.6210, 65.2628, -25.9776



111.3630, 2.7790, -4.7034



85.7910, 46.9380, -75.2387



25.5270, 14.0372, -22.3872

Previews

White Background



This preview shows how the YUV color 158.4190, -42.1116, 67.1615 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 158.4190, -42.1116, 67.1615 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 158.4190, -42.1116, 67.1615

Background



This preview shows how black text looks on a background with the YUV color 158.4190, -42.1116, 67.1615.



This preview shows how white text looks on a background with the YUV color 158.4190, -42.1116, 67.1615.

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

158.4190, -42.1116, 67.1615

Protanopia

157.8490, -37.8866, 18.5494

Deuteranopia

158.3630, -44.0560, 37.3926



Tritanopia

162.9160, -12.2836, 66.7257

Trichromacy



Original Color

158.4190, -42.1116, 67.1615

Protanomaly

158.2040, -39.5406, 35.7781

Deuteranomaly

157.9560, -43.3623, 48.2736

Tritanomaly

161.6420, -23.4875, 66.9660

Monochromacy



Original Color

158.4190, -42.1116, 67.1615

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

158.1420, -15.3530, 24.4315

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4190, -42.1116, 67.1615 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(235, 136, 73)` looks like.

```
.text, #text, p{  
    color:rgb(235, 136, 73)  
}
```

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(235, 136, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 136, 73) }
```

Border

The CSS property to change the border of an element to YUV 158.4190, -42.1116, 67.1615 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(235, 136, 73) }
```


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

```
.border{ border-color:rgb(235, 136, 73) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 136, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 136, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 136, 73);  
box-shadow:4px 4px 4px 4px rgb(235, 136,  
73) }
```

Background

The CSS property to change the background color of an element to YUV 158.4190, -42.1116, 67.1615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 136, 73) }
```

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

```
.background{ background-color: rgb(235,  
136, 73) }
```

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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