

Converting Colors

YUV(168.5870, -60.4354,
64.3832)

Have a look what the booklet for
YUV(168.5870, -60.4354, 64.3832)
contains.

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Color

**YUV(168.5870, -60.4354,
64.3832)**

Conversions

Conversions Part 1

Format	Color
Hex	F29B2E
RGB	242, 155, 46
RGB Percent	95%, 61%, 18%
CMY	0.0510, 0.3922, 0.8196
CMYK	0.00, 0.36, 0.81, 0.05
HSL	33°, 88%, 56%
HSV	33°, 81%, 95%
XYZ	48.8324, 42.5172, 8.2177
YIQ	168.5870, 86.8410, -15.4550

Conversions

Conversions Part 2

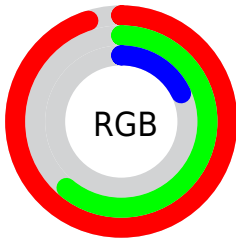
Format	Color
R _Y B	202, 242, 46
Decimal	15899438
CIE Lab	71.23, 24.49, 65.87
CIE LCh	71, 70.274, 69.608
Yxy	42.5172, 0.4904, 0.4270
Android (android.graphics.Color)	4294089518 (0xFFFF29B2E)
YUV	168.5870, -60.4354, 64.3832
Hunter-Lab	65.2052, 19.5702, 38.1715

Details

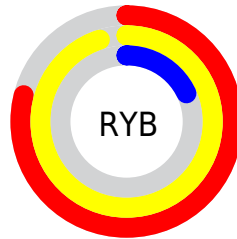
The YUV color **168.5870, -60.4354, 64.3832** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **119.4130, 60.4354, -64.3832**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.0290, -54.2443, 38.5626**, and **114.8680, -56.6299, 57.1208** is the 20% darker color. If you saturate the color by 10%, you get **159.3940, -67.7352, 72.4455**, and if you desaturate by 10%, it is **177.7800, -53.1355, 56.3209**.

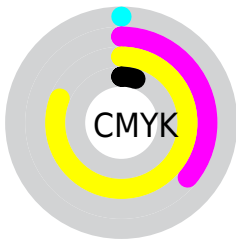
Distribution



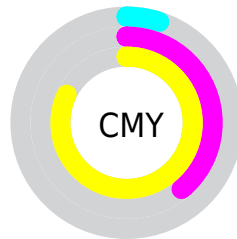
- Red (95%)
- Green (61%)
- Blue (18%)



- Red (79%)
- Yellow (95%)
- Blue (18%)



- Cyan (0%)
- Magenta (36%)
- Yellow (81%)
- Black (5%)



- Cyan (5%)
- Magenta (39%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.5870, -60.4354, 64.3832 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 168.5870, -60.4354, 64.3832 by changing the saturation by 10% instead.

168.5870,
-60.4354, 64.3832

168.5870,
-60.4354, 64.3832

255.0000, 0.0000,
0.0000

139.9520,
-64.0663, 62.3091

211.0290,
-54.2443, 38.5626

114.8680,
-56.6299, 57.1208

230.5430,
-50.5537, 21.4488

91.2230, -44.9729,
51.5474

243.7140,
-43.2430, 9.8978

68.7520, -33.8947,
44.9445

246.9060,
-31.0127, 7.0984

46.5800, -22.9639,
38.9563

250.0980,
-18.7823, 4.2991

25.2940, -12.4699,
33.0682

253.4040, -6.1152,

11.9600, -5.8963,

1.3997

24.5911

■ 0.0000, 0.0000,
0.0000

■ 168.5870,
-60.4354, 64.3832

■ 168.5870,
-60.4354, 64.3832

■ 159.3940,
-67.7352, 72.4455

■ 177.7800,
-53.1355, 56.3209

■ 151.6030,
-74.7403, 79.2782

■ 186.3860,
-45.5463, 48.7735

■ 195.6930,
-37.8096, 40.6112

■ 204.8860,
-30.5098, 32.5490

■ 214.0790,
-23.2099, 24.4867

■ 222.6850,
-15.6207, 16.9393

■ 231.8780, -8.3209,
8.8770

■ 241.1850, -0.5842,
0.7148

■ 249.3520, 2.7845,
-6.4477

Harmonies

Analogous

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



162.9120, -32.9876, 80.7612



168.5870, -60.4354, 64.3832



163.6620, -67.8674, 21.3444

Triad

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



168.5870, -60.4354, 64.3832



142.4510, 25.4137, -124.9295



176.9420, 38.4826, 23.7299

Complementary

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



168.5870, -60.4354, 64.3832



119.4130, 60.4354, -64.3832

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.



153.0240, 50.2742, -71.9350



168.5870, -60.4354, 64.3832



148.2310, 52.6371, -129.9986

Square

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



168.5870, -60.4354, 64.3832



133.0520, -2.9836, -116.6866



142.3610, 55.5310, -124.8506



172.3520, 23.4905, 72.4823

Rectangle

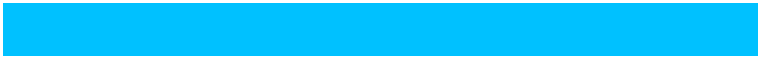
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



168.5870, -60.4354, 64.3832



159.8130, -53.6448, -13.8680



142.3610, 55.5310, -124.8506



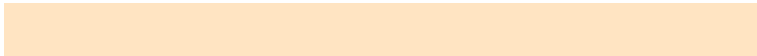
173.2440, 40.3057, -1.0910

Sweetspot

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



168.5870, -60.4354, 64.3832



232.1970, -18.8311, 19.9982



114.6360, 9.5465, 111.6982



113.8030, -11.2419, 12.4508



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.



168.5870, -60.4354, 64.3832



162.2720, -76.0561, 81.3225



216.6660, -84.1383, 13.4479



115.6970, -3.7946, 3.7737



114.8900, -56.6408, 60.6095



34.9410, -17.2259, 18.4687

Inverse Universe

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



119.4130, 60.4354, -64.3832



100.1410, 76.3455, -80.8077



71.3340, 84.1383, -13.4479



112.3030, 3.7946, -3.7737



68.5230, 56.9302, -60.0947



21.0590, 17.2259, -18.4687

Previews

White Background



This preview shows how the YUV color 168.5870, -60.4354, 64.3832 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 168.5870, -60.4354, 64.3832 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 168.5870, -60.4354, 64.3832

Background



This preview shows how black text looks on a background with the YUV color 168.5870, -60.4354, 64.3832.



This preview shows how white text looks on a background with the YUV color 168.5870, -60.4354,

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

168.5870, -60.4354, 64.3832

Protanopia

167.1430, -57.2585, 25.3076

Deuteranopia

167.8960, -62.5597, 45.6952



Tritanopia

176.9370, -10.8149, 62.3223

Trichromacy



Original Color

168.5870, -60.4354, 64.3832

Protanomaly

167.8890, -58.6123, 39.5623

Deuteranomaly

168.1680, -61.7078, 52.4727

Tritanomaly

174.1270, -29.1496, 63.0326

Monochromacy



Original Color

168.5870, -60.4354, 64.3832

Achromatopsia

169.0000, 0.0000, 0.0000

Achromatomaly

169.0080, -22.1889, 23.6720

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.5870, -60.4354, 64.3832 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(242, 155, 46)` looks like.

```
.text, #text, p{  
    color:rgb(242, 155, 46)  
}
```

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(242, 155, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 155, 46) }
```

Border

The CSS property to change the border of an element to YUV 168.5870, -60.4354, 64.3832 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(242, 155, 46) }
```


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

```
.border{ border-color:rgb(242, 155, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 155, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 155, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 155, 46);  
box-shadow:4px 4px 4px 4px rgb(242, 155,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 168.5870, -60.4354, 64.3832 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 155, 46) }
```

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

```
.background{ background-color: rgb(242,  
155, 46) }
```

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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