

Converting Colors

YUV(153.3860, -58.8573,
71.5755)

Have a look what the booklet for
YUV(153.3860, -58.8573, 71.5755)
contains.

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Color

**YUV(153.3860, -58.8573,
71.5755)**

Conversions

Conversions Part 1

Format	Color
Hex	EB8722
RGB	235, 135, 34
RGB Percent	92%, 53%, 13%
CMY	0.0784, 0.4706, 0.8667
CMYK	0.00, 0.43, 0.86, 0.08
HSL	30°, 83%, 53%
HSV	30°, 86%, 92%
XYZ	43.2137, 35.1056, 6.0118
YIQ	153.3860, 92.0210, -10.2110

Conversions

Conversions Part 2

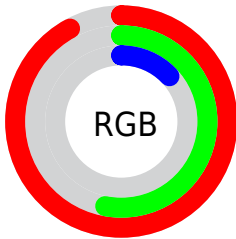
Format	Color
R _Y B	233, 235, 34
Decimal	15435554
CIE Lab	65.83, 31.75, 64.93
CIE LCh	66, 72.278, 63.940
Yxy	35.1056, 0.5124, 0.4163
Android (android.graphics.Color)	4293625634 (0xFFEB8722)
YUV	153.3860, -58.8573, 71.5755
Hunter-Lab	59.2500, 26.5005, 35.4591

Details

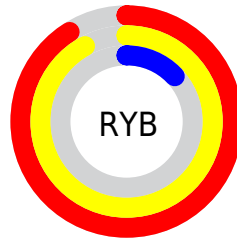
The YUV color **153.3860, -58.8573, 71.5755** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **115.6140, 58.8573, -71.5755**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3340, -53.4087, 50.5731**, and **101.0350, -49.8103, 63.1133** is the 20% darker color. If you saturate the color by 10%, you get **143.6060, -65.8678, 80.1525**, and if you desaturate by 10%, it is **163.0520, -52.2836, 63.0984**.

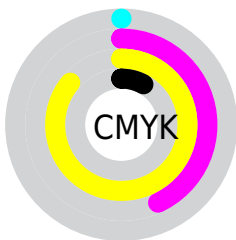
Distribution



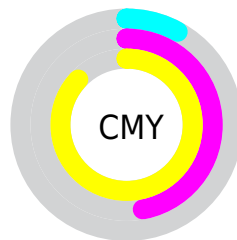
- Red (92%)
- Green (53%)
- Blue (13%)



- Red (91%)
- Yellow (92%)
- Blue (13%)



- Cyan (0%)
- Magenta (43%)
- Yellow (86%)
- Black (8%)



- Cyan (8%)
- Magenta (47%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.3860, -58.8573, 71.5755 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 153.3860, -58.8573, 71.5755 by changing the saturation by 10% instead.

153.3860,
-58.8573, 71.5755

153.3860,
-58.8573, 71.5755

255.0000, 0.0000,
0.0000

124.9790,
-61.6146, 69.3014

197.3340,
-53.4087, 50.5731

101.0350,
-49.8103, 63.1133

216.8480,
-49.7181, 33.4593

77.6780, -38.2953,
56.4104

236.9490,
-46.3169, 15.8307

54.6200, -26.9277,
50.3223

245.4240,
-36.6910, 8.3982

31.2740, -15.4181,
45.3637

248.6160,
-24.4607, 5.5988

16.7440, -8.2548,
34.4275

251.9220,

8.1870, -3.5432,

-11.7935, 2.6994

16.4990

■ 0.0000, 0.0000,
0.0000

■ 153.3860,
-58.8573, 71.5755

■ 153.3860,
-58.8573, 71.5755

■ 143.6060,
-65.8678, 80.1525

■ 163.0520,
-52.2836, 63.0984

■ 139.5310,
-68.7888, 83.7263

■ 172.2450,
-44.9838, 55.0361

■ 181.9110,
-38.4101, 46.5591

■ 191.6910,
-31.3997, 37.9820

■ 200.8840,
-24.0998, 29.9197

■ 210.5500,
-17.5261, 21.4427

■ 220.2160,
-10.9525, 12.9656

■ 229.9960, -3.9420,
4.3885

■ 239.0750, 2.9210,
-3.5738

Harmonies

Analogous

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



149.4280, -28.8050, 92.5866



153.3860, -58.8573, 71.5755



148.6370, -73.2780, 30.1364

Triad

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



153.3860, -58.8573, 71.5755



130.5680, 17.9610, -114.5081



161.7920, 45.9515, 8.0754

Complementary

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



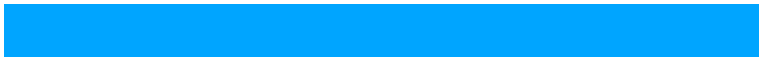
153.3860, -58.8573, 71.5755



115.6140, 58.8573, -71.5755

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



153.3860, -58.8573, 71.5755



137.2770, 46.2054, -120.3919

Square

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



153.3860, -58.8573, 71.5755



120.5820, -10.1469, -105.7504



135.3170, 59.0037, -118.6730



161.2040, 28.0004, 72.6121

Rectangle

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



153.3860, -58.8573, 71.5755



144.3770, -65.7549, -2.9616



135.3170, 59.0037, -118.6730



155.4140, 49.0959, -20.5341

Sweetspot

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



153.3860, -58.8573, 71.5755



228.1050, -19.2788, 23.5869



105.6130, 14.4878, 113.4724



111.7000, -11.6841, 14.2951



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.



153.3860, -58.8573, 71.5755



151.3810, -74.6308, 90.8739



212.0860, -87.7964, 20.0956



112.2240, -3.0684, 4.1886



107.5360, -53.0152, 64.4279



31.9950, -15.7735, 19.2984

Inverse Universe

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



115.6140, 58.8573, -71.5755



103.6190, 74.6308, -90.8739



56.9140, 87.7964, -20.0956



110.1890, 3.3578, -3.6738



73.4640, 53.0152, -64.4279



22.0050, 15.7735, -19.2984

Previews

White Background



This preview shows how the YUV color 153.3860, -58.8573, 71.5755 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 153.3860, -58.8573, 71.5755 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 153.3860, -58.8573, 71.5755

Background



This preview shows how black text looks on a background with the YUV color 153.3860, -58.8573, 71.5755.



This preview shows how white text looks on a background with the YUV color 153.3860, -58.8573,

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

153.3860, -58.8573, 71.5755

Protanopia

153.0010, -55.2165, 23.6781

Deuteranopia

152.5430, -63.8647, 44.2508



Tritanopia

161.1120, -12.8732, 69.1848

Trichromacy



Original Color

153.3860, -58.8573, 71.5755

Protanomaly

153.3560, -56.8705, 40.9068

Deuteranomaly

153.0650, -62.1500, 54.3170

Tritanomaly

158.0570, -29.6081, 70.1100

Monochromacy



Original Color

153.3860, -58.8573, 71.5755

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9590, -21.1788, 26.3460

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3860, -58.8573, 71.5755 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, 135, 34)` looks like.

```
.text, #text, p{  
    color:rgb(235, 135, 34)  
}
```

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, 135, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 135, 34) }
```

Border

The CSS property to change the border of an element to YUV 153.3860, -58.8573, 71.5755 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, 135, 34) }
```


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

```
.border{ border-color:rgb(235, 135, 34) }
```

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

Here you see how a box with a 4 pixel rgb(235, 135, 34) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 135, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 135, 34);  
box-shadow:4px 4px 4px 4px rgb(235, 135,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 153.3860, -58.8573, 71.5755 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 135, 34) }
```

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

```
.background{ background-color: rgb(235,  
135, 34) }
```

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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