

Converting Colors

YUV(153.5800, -53.0369,
71.4053)

Have a look what the booklet for
YUV(153.5800, -53.0369, 71.4053)
contains.

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Color

**YUV(153.5800, -53.0369,
71.4053)**

Conversions

Conversions Part 1

Format	Color
Hex	EB852E
RGB	235, 133, 46
RGB Percent	92%, 52%, 18%
CMY	0.0784, 0.4784, 0.8196
CMYK	0.00, 0.43, 0.80, 0.08
HSL	28°, 83%, 55%
HSV	28°, 80%, 92%
XYZ	43.1416, 34.6345, 6.9961
YIQ	153.5800, 88.7190, -5.4330

Conversions

Conversions Part 2

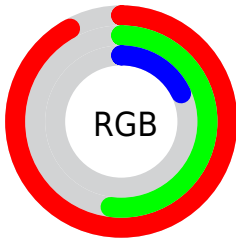
Format	Color
R _Y B	235, 207, 46
Decimal	15435054
CIE Lab	65.46, 33.12, 60.35
CIE LCh	65, 68.841, 61.239
Yxy	34.6345, 0.5089, 0.4086
Android (android.graphics.Color)	4293625134 (0xFFEB852E)
YUV	153.5800, -53.0369, 71.4053
Hunter-Lab	58.8511, 27.8626, 34.1475

Details

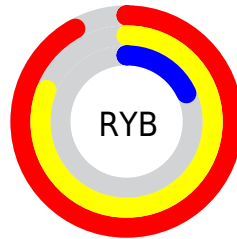
The YUV color **153.5800, -53.0369, 71.4053** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **127.4200, 53.0369, -71.4053**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **197.3000, -48.4619, 50.6029**, and **99.8610, -49.2315, 64.1429** is the 20% darker color. If you saturate the color by 10%, you get **143.3270, -59.3212, 80.3972**, and if you desaturate by 10%, it is **163.9470, -46.3159, 62.3135**.

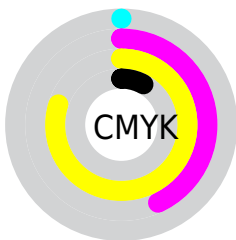
Distribution



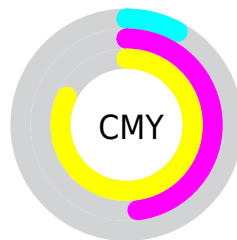
- Red (92%)
- Green (52%)
- Blue (18%)



- Red (92%)
- Yellow (81%)
- Blue (18%)



- Cyan (0%)
- Magenta (43%)
- Yellow (80%)
- Black (8%)



- Cyan (8%)
- Magenta (48%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5800, -53.0369, 71.4053 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 153.5800, -53.0369, 71.4053 by changing the saturation by 10% instead.

153.5800,
-53.0369, 71.4053

153.5800,
-53.0369, 71.4053

255.0000, 0.0000,
0.0000

125.5150,
-54.4839, 68.8313

197.3000,
-48.4619, 50.6029

99.8610, -49.2315,
64.1429

216.7000,
-45.2081, 33.5891

76.8030, -37.8639,
58.0548

236.8010,
-41.8069, 15.9605

53.7450, -26.4963,
51.9666

246.4500,
-32.7599, 7.4983

29.2250, -14.4079,
48.0377

249.6420,
-20.5295, 4.6990

16.7440, -8.2548,
34.4275

252.9480, -7.8624,

8.1870, -3.5432,

1.7996

16.4990

■ 0.0000, 0.0000,
0.0000

■ 153.5800,
-53.0369, 71.4053

■ 153.5800,
-53.0369, 71.4053

■ 143.3270,
-59.3212, 80.3972

■ 163.9470,
-46.3159, 62.3135

■ 133.6610,
-65.8949, 88.8743

■ 173.6130,
-39.7422, 53.8364

■ 183.9800,
-33.0211, 44.7445

■ 194.2330,
-26.7369, 35.7527

■ 204.0130,
-19.7264, 27.1756

■ 214.2660,
-13.4421, 18.1837

■ 224.6330, -6.7211,
9.0919

■ 234.2990, -0.1474,
0.6148

■ 244.3240, 5.2633,
-8.1771

Harmonies

Analogous

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



150.3400, -25.3106, 91.7868



153.5800, -53.0369, 71.4053



148.1860, -72.5627, 34.0399

Triad

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



153.5800, -53.0369, 71.4053



128.5960, 15.4822, -112.7787



159.9760, 46.8468, 0.8980

Complementary

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



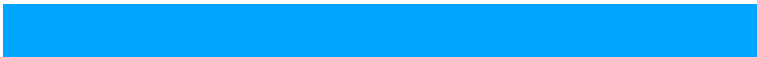
153.5800, -53.0369, 71.4053



127.4200, 53.0369, -71.4053

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



153.5800, -53.0369, 71.4053



134.9630, 42.4162, -118.3626

Square

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



153.5800, -53.0369, 71.4053



118.3650, -11.0259, -103.8061



134.7300, 59.2931, -118.1582



161.5620, 28.3169, 64.4051

Rectangle

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



153.5800, -53.0369, 71.4053



145.6640, -60.9664, 1.1717



134.7300, 59.2931, -118.1582



153.8970, 49.8438, -27.0967

Sweetspot

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



153.5800, -53.0369, 71.4053



228.6750, -17.0948, 23.0870



114.3670, 17.5671, 105.7951



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.



153.5800, -53.0369, 71.4053



148.7710, -69.4001, 93.1628



208.1710, -79.9503, 23.5290



112.2240, -3.0684, 4.1886



102.8400, -50.7001, 68.5463



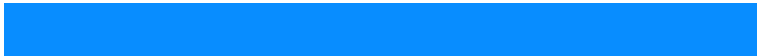
30.8210, -15.1948, 20.3280

Inverse Universe

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



127.4200, 53.0369, -71.4053



114.2290, 69.4001, -93.1628



72.8290, 79.9503, -23.5290



110.7760, 3.0684, -4.1886



78.1600, 50.7001, -68.5463



23.1790, 15.1948, -20.3280

Previews

White Background



This preview shows how the YUV color 153.5800, -53.0369, 71.4053 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 153.5800, -53.0369, 71.4053 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 153.5800, -53.0369, 71.4053

Background



This preview shows how black text looks on a background with the YUV color 153.5800, -53.0369, 71.4053.



This preview shows how white text looks on a background with the YUV color 153.5800, -53.0369,

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

153.5800, -53.0369, 71.4053

Protanopia

153.1840, -49.3907, 21.7636

Deuteranopia

153.1820, -56.2917, 41.9364



Tritanopia

159.4110, -13.0206, 69.7996

Trichromacy



Original Color

153.5800, -53.0369, 71.4053

Protanomaly

153.2510, -50.9027, 40.1219

Deuteranomaly

153.0030, -54.7245, 52.6174

Tritanomaly

157.2250, -27.7189, 70.8397

Monochromacy



Original Color

153.5800, -53.0369, 71.4053

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.5290, -18.9948, 25.8461

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5800, -53.0369, 71.4053 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, 133, 46)` looks like.

```
.text, #text, p{  
    color:rgb(235, 133, 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(235, 133, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 133, 46) }
```

Border

The CSS property to change the border of an element to YUV 153.5800, -53.0369, 71.4053 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, 133, 46) }
```


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

```
.border{ border-color:rgb(235, 133, 46) }
```

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

Here you see how a box with a 4 pixel rgb(235, 133, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 133, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 133, 46);  
box-shadow:4px 4px 4px 4px rgb(235, 133,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 153.5800, -53.0369, 71.4053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 133, 46) }
```

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

```
.background{ background-color: rgb(235,  
133, 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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