

Converting Colors

YUV(152.7050, -52.6056,
73.0497)

Have a look what the booklet for
YUV(152.7050, -52.6056, 73.0497)
contains.

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Color

**YUV(152.7050, -52.6056,
73.0497)**

Conversions

Conversions Part 1

Format	Color
Hex	EC832E
RGB	236, 131, 46
RGB Percent	93%, 51%, 18%
CMY	0.0745, 0.4863, 0.8196
CMYK	0.00, 0.44, 0.81, 0.07
HSL	27°, 83%, 55%
HSV	27°, 81%, 93%
XYZ	43.2015, 34.2627, 6.9212
YIQ	152.7050, 89.8650, -4.1750

Conversions

Conversions Part 2

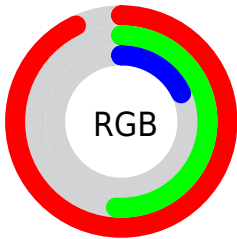
Format	Color
R _Y B	236, 200, 46
Decimal	15500078
CIE Lab	65.17, 34.56, 60.13
CIE LCh	65, 69.356, 60.110
Yxy	34.2627, 0.5120, 0.4060
Android (android.graphics.Color)	4293690158 (0xFFEC832E)
YUV	152.7050, -52.6056, 73.0497
Hunter-Lab	58.5344, 29.3075, 33.9635

Details

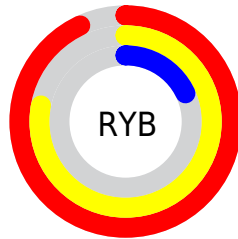
The YUV color **152.7050, -52.6056, 73.0497** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **129.2950, 52.6056, -73.0497**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1260, -47.8831, 51.6325**, and **98.9860, -48.8001, 65.7873** is the 20% darker color. If you saturate the color by 10%, you get **142.3380, -59.3266, 82.1416**, and if you desaturate by 10%, it is **163.0720, -45.8845, 63.9579**.

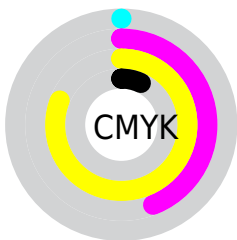
Distribution



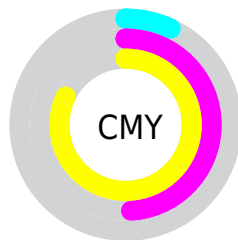
- Red (93%)
- Green (51%)
- Blue (18%)



- Red (93%)
- Yellow (78%)
- Blue (18%)



- Cyan (0%)
- Magenta (44%)
- Yellow (81%)
- Black (7%)



- Cyan (7%)
- Magenta (49%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.7050, -52.6056, 73.0497 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 152.7050, -52.6056, 73.0497 by changing the saturation by 10% instead.

152.7050,
-52.6056, 73.0497

152.7050,
-52.6056, 73.0497

255.0000, 0.0000,
0.0000

124.7540,
-53.6157, 70.3757

196.1260,
-47.8831, 51.6325

98.9860, -48.8001,
65.7873

215.5260,
-44.6293, 34.6187

75.3410, -37.1431,
60.2139

235.6270,
-41.2281, 16.9901

51.9840, -25.6281,
53.5110

246.4500,
-32.7599, 7.4983

26.8770, -13.2504,
50.0969

249.6420,
-20.5295, 4.6990

17.0430, -8.4022,
35.0423

252.9480, -7.8624,

8.1870, -3.5432,

1.7996

16.4990

■ 0.0000, 0.0000,
0.0000

■ 152.7050,
-52.6056, 73.0497

■ 152.7050,
-52.6056, 73.0497

■ 142.3380,
-59.3266, 82.1416

■ 163.0720,
-45.8845, 63.9579

■ 132.7860,
-65.4635, 90.5187

■ 173.3250,
-39.6002, 54.9660

■ 183.6920,
-32.8792, 45.8741

■ 193.9450,
-26.5949, 36.8822

■ 204.3120,
-19.8738, 27.7904

■ 214.6790,
-13.1527, 18.6985

■ 224.9320, -6.8685,
9.7066

■ 235.2990, -0.1474,
0.6148

■ 245.2100, 4.8265,
-8.0772

Harmonies

Analogous

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



149.2800, -24.2950, 92.7164



152.7050, -52.6056, 73.0497



147.1970, -72.5681, 35.7842

Triad

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



152.7050, -52.6056, 73.0497



127.6670, 14.4612, -111.9640



159.0680, 47.2945, -2.6906

Complementary

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



152.7050, -52.6056, 73.0497



129.2950, 52.6056, -73.0497

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



152.7050, -52.6056, 73.0497



134.1480, 41.8320, -117.6478

Square

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



152.7050, -52.6056, 73.0497



117.4360, -12.0469, -102.9914



134.7300, 59.2931, -118.1582



161.1920, 29.4853, 62.9756

Rectangle

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



152.7050, -52.6056, 73.0497



144.9910, -63.5926, 3.5159



134.7300, 59.2931, -118.1582



151.8040, 50.8756, -31.4001

Sweetspot

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



152.7050, -52.6056, 73.0497



228.0880, -16.8054, 23.6018



115.1220, 19.1669, 106.0100



111.4550, -10.0843, 14.5100



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.



152.7050, -52.6056, 73.0497



146.4230, -68.2425, 95.2220



206.7090, -79.2295, 25.6882



112.2240, -3.0684, 4.1886



101.6660, -50.1213, 69.5759



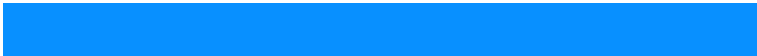
30.2340, -14.9054, 20.8428

Inverse Universe

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



129.2950, 52.6056, -73.0497



115.9900, 68.5319, -94.7072



75.2910, 79.2295, -25.6882



110.7760, 3.0684, -4.1886



79.3340, 50.1213, -69.5759



23.7660, 14.9054, -20.8428

Previews

White Background



This preview shows how the YUV color 152.7050, -52.6056, 73.0497 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 152.7050, -52.6056, 73.0497 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 152.7050, -52.6056, 73.0497

Background



This preview shows how black text looks on a background with the YUV color 152.7050, -52.6056, 73.0497.



This preview shows how white text looks on a background with the YUV color 152.7050, -52.6056, 73.0497.

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

152.7050, -52.6056, 73.0497

Protanopia

152.2980, -48.9539, 21.6637

Deuteranopia

152.7690, -56.5811, 41.4216



Tritanopia

158.8950, -13.7522, 71.1291

Trichromacy



Original Color

152.7050, -52.6056, 73.0497

Protanomaly

152.3650, -50.4659, 40.0219

Deuteranomaly

152.8890, -55.1613, 52.7173

Tritanomaly

156.8230, -28.0137, 72.0692

Monochromacy



Original Color

152.7050, -52.6056, 73.0497

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.8280, -19.1422, 26.4608

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.7050, -52.6056, 73.0497 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(236, 131, 46)` looks like.

```
.text, #text, p{  
    color:rgb(236, 131, 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(236, 131, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 131, 46) }
```

Border

The CSS property to change the border of an element to YUV 152.7050, -52.6056, 73.0497 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(236, 131, 46) }
```


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

```
.border{ border-color:rgb(236, 131, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 131, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 131, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 131, 46);  
box-shadow:4px 4px 4px 4px rgb(236, 131,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 152.7050, -52.6056, 73.0497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 131, 46) }
```

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

```
.background{ background-color: rgb(236,  
131, 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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