

Converting Colors

YUV(152.7930, -35.8869,
77.3575)

Have a look what the booklet for
YUV(152.7930, -35.8869, 77.3575)
contains.

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Color

**YUV(152.7930, -35.8869,
77.3575)**

Conversions

Conversions Part 1

Format	Color
Hex	F17A50
RGB	241, 122, 80
RGB Percent	95%, 48%, 31%
CMY	0.0549, 0.5216, 0.6863
CMYK	0.00, 0.49, 0.67, 0.05
HSL	16°, 85%, 63%
HSV	16°, 67%, 95%
XYZ	44.6831, 33.1990, 11.6424
YIQ	152.7930, 84.4060, 12.1660

Conversions

Conversions Part 2

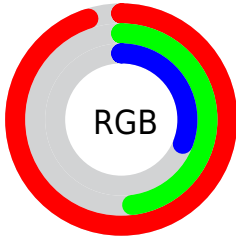
Format	Color
R _Y B	241, 137, 80
Decimal	15825488
CIE Lab	64.32, 42.57, 43.56
CIE LCh	64, 60.904, 45.660
Yxy	33.1990, 0.4991, 0.3708
Android (android.graphics.Color)	4294015568 (0xFFFF17A50)
YUV	152.7930, -35.8869, 77.3575
Hunter-Lab	57.6186, 37.5939, 28.3529

Details

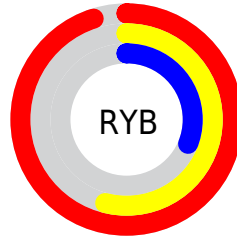
The YUV color **152.7930, -35.8869, 77.3575** is a light color, and the websafe version is hex **CC6633**. The color can be described as light muted orange. A complement of this color would be **168.2070, 35.8869, -77.3575**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **194.4910, -31.3011, 53.0664**, and **98.2590, -32.6657, 70.8099** is the 20% darker color. If you saturate the color by 10%, you get **139.4910, -41.1611, 89.0234**, and if you desaturate by 10%, it is **166.0950, -30.6128, 65.6917**.

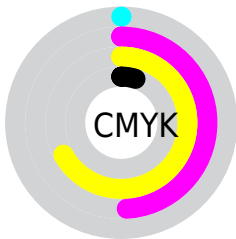
Distribution



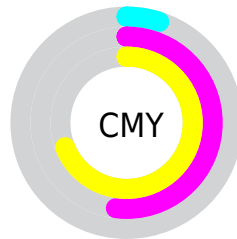
- Red (95%)
- Green (48%)
- Blue (31%)



- Red (95%)
- Yellow (54%)
- Blue (31%)



- Cyan (0%)
- Magenta (49%)
- Yellow (67%)
- Black (5%)



- Cyan (5%)
- Magenta (52%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.7930, -35.8869, 77.3575 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 152.7930, -35.8869, 77.3575 by changing the saturation by 10% instead.

152.7930,
-35.8869, 77.3575

152.7930,
-35.8869, 77.3575

255.0000, 0.0000,
0.0000

125.5260,
-34.2763, 74.0837

194.4910,
-31.3011, 53.0664

98.2590, -32.6657,
70.8099

213.8910,
-28.0473, 36.0526

71.2910, -31.2025,
68.1508

233.9920,
-24.6461, 18.4240

43.2120, -21.3035,
66.4661

250.0980,
-18.7823, 4.2991

26.6110, -13.1192,
54.7152

253.4040, -6.1152,
1.3997

18.2390, -8.9918,
37.5014

9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 152.7930,
-35.8869, 77.3575

■ 152.7930,
-35.8869, 77.3575

■ 139.4910,
-41.1611, 89.0234

■ 166.0950,
-30.6128, 65.6917

■ 126.1890,
-46.4352, 100.6892

■ 179.3970,
-25.3387, 54.0258

■ 113.4740,
-51.9987, 111.8403

■ 192.1120,
-19.7752, 42.8748

■ 109.0400,
-53.7567, 115.7289

■ 205.4140,
-14.5011, 31.2089

■ 218.8300, -8.7902,
19.4431

■ 232.1320, -3.5161,
7.7772

■ 245.4340, 1.7580,
-3.8886

■ 250.8140, 2.0637,
-8.6069

Harmonies

Analogous

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



153.2870, -11.4805, 89.2023



152.7930, -35.8869, 77.3575



151.0240, -53.2558, 48.2140

Triad

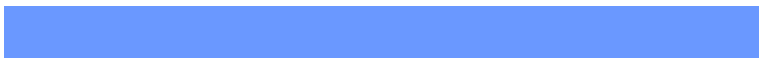
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



152.7930, -35.8869, 77.3575



120.1380, 3.3830, -105.3610



149.9880, 51.7709, -38.5775

Complementary

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



152.7930, -35.8869, 77.3575



168.2070, 35.8869, -77.3575

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



152.7930, -35.8869, 77.3575



127.8100, 27.7017, -112.0894

Square

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



152.7930, -35.8869, 77.3575



138.7940, -31.4504, -39.2843



131.6350, 49.9729, -115.4439



160.5900, 35.6981, 30.1776

Rectangle

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



152.7930, -35.8869, 77.3575



148.4740, -55.9427, 23.2633



131.6350, 49.9729, -115.4439



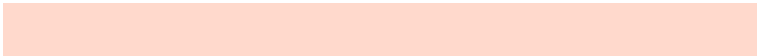
137.0540, 58.1474, -77.2234

Sweetspot

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



152.7930, -35.8869, 77.3575



226.8800, -11.2798, 24.6612



141.9330, 29.1200, 86.8818



110.9650, -6.8847, 14.9397



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.



152.7930, -35.8869, 77.3575



143.1070, -45.4088, 98.1302



199.1660, -58.7488, 36.6884



113.3490, -2.6371, 5.8329



83.1920, -41.0137, 88.4086



25.5490, -12.5957, 26.7055

Inverse Universe

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



168.2070, 35.8869, -77.3575



162.8930, 45.4088, -98.1302



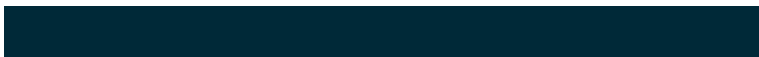
121.8340, 58.7488, -36.6884



114.6510, 2.6371, -5.8329



100.8080, 41.0137, -88.4086



30.4510, 12.5957, -26.7055

Previews

White Background



This preview shows how the YUV color 152.7930, -35.8869, 77.3575 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 152.7930, -35.8869, 77.3575 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 152.7930, -35.8869, 77.3575

Background



This preview shows how black text looks on a background with the YUV color 152.7930, -35.8869, 77.3575.



This preview shows how white text looks on a background with the YUV color 152.7930, -35.8869, 77.3575.

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

152.7930, -35.8869, 77.3575

Protanopia

153.1890, -30.1662, 15.6202

Deuteranopia

153.6060, -39.2458, 34.5485



Tritanopia

154.9990, -14.7895, 77.1769

Trichromacy



Original Color

152.7930, -35.8869, 77.3575

Protanomaly

153.1640, -32.1259, 37.5672

Deuteranomaly

153.0470, -37.9842, 49.9478

Tritanomaly

154.0500, -22.2096, 77.1322

Monochromacy



Original Color

152.7930, -35.8869, 77.3575

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.0330, -13.3273, 28.0351

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.7930, -35.8869, 77.3575 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(241, 122, 80)` looks like.

```
.text, #text, p{  
    color:rgb(241, 122, 80)  
}
```

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(241, 122, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 122, 80) }
```

Border

The CSS property to change the border of an element to YUV 152.7930, -35.8869, 77.3575 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(241, 122, 80) }
```


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

```
.border{ border-color:rgb(241, 122, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 122, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 122, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 122, 80);  
box-shadow:4px 4px 4px 4px rgb(241, 122,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 152.7930, -35.8869, 77.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 122, 80) }
```

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

```
.background{ background-color: rgb(241,  
122, 80) }
```

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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