

Converting Colors

YUV(157.7990, -55.1169,
85.2453)

Have a look what the booklet for
YUV(157.7990, -55.1169, 85.2453)
contains.

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Color

**YUV(157.7990, -55.1169,
85.2453)**

Conversions

Conversions Part 1

Format	Color
Hex	FF822E
RGB	255, 130, 46
RGB Percent	100%, 51%, 18%
CMY	0.0000, 0.4902, 0.8196
CMYK	0.00, 0.49, 0.82, 0.00
HSL	24°, 100%, 59%
HSV	24°, 82%, 100%
XYZ	49.7158, 37.4225, 7.1877
YIQ	157.7990, 101.4640, 0.3760

Conversions

Conversions Part 2

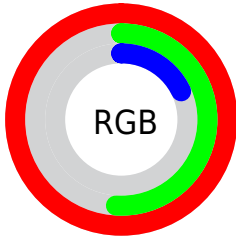
Format	Color
R _Y B	255, 186, 46
Decimal	16745006
CIE Lab	67.59, 42.55, 63.30
CIE LCh	68, 76.266, 56.091
Yxy	37.4225, 0.5271, 0.3967
Android (android.graphics.Color)	4294935086 (0xFFFF822E)
YUV	157.7990, -55.1169, 85.2453
Hunter-Lab	61.1739, 38.0117, 35.8554

Details

The YUV color **157.7990, -55.1169, 85.2453** 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 **143.2010, 55.1169, -85.2453**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **196.1260, -47.8831, 51.6325**, and **102.8950, -50.7272, 77.2681** is the 20% darker color. If you saturate the color by 10%, you get **146.1440, -61.6960, 95.4667**, and if you desaturate by 10%, it is **169.5680, -48.1010, 74.9239**.

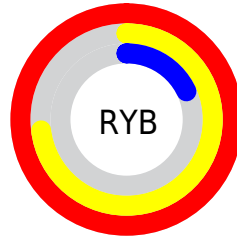
Distribution



Red (100%)

Green (51%)

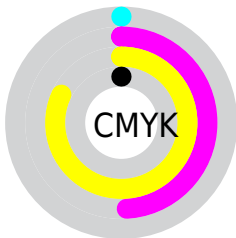
Blue (18%)



Red (100%)

Yellow (73%)

Blue (18%)

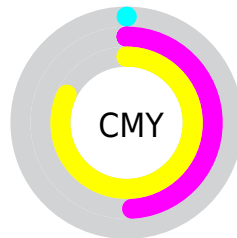


Cyan (0%)

Magenta (49%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 157.7990, -55.1169, 85.2453 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 157.7990, -55.1169, 85.2453 by changing the saturation by 10% instead.

157.7990,
-55.1169, 85.2453

157.7990,
-55.1169, 85.2453

255.0000, 0.0000,
0.0000

129.4350,
-56.4165, 82.0565

196.1260,
-47.8831, 51.6325

102.8950,
-50.7272, 77.2681

215.6400,
-44.1925, 34.5187

78.3640, -38.6335,
71.5948

235.7410,
-40.7913, 16.8901

52.6590, -25.9609,
66.9511

246.4500,
-32.7599, 7.4983

29.6010, -14.5933,
60.8629

249.7560,
-20.0927, 4.5990

20.9300, -10.3185,
43.0344

253.0620, -7.4256,

13.2700, -6.0491,

1.6996

26.9502

■ 0.0000, 0.0000,
0.0000

■ 157.7990,
-55.1169, 85.2453

■ 157.7990,
-55.1169, 85.2453

■ 146.1440,
-61.6960, 95.4667

■ 169.5680,
-48.1010, 74.9239

■ 136.1190,
-67.1067, 104.2586

■ 181.8100,
-41.8113, 64.1876

■ 193.5790,
-34.7954, 53.8662

■ 205.2340,
-28.2164, 43.6448

■ 217.0030,
-21.2005, 33.3234

229.2450,
-14.9108, 22.5871

241.0140, -7.8949,
12.2657

252.6690, -1.3158,
2.0443

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



147.3710, -18.9169, 94.3906



157.7990, -55.1169, 85.2453



153.7420, -75.7948, 44.0763

Triad

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



157.7990, -55.1169, 85.2453



131.9070, 10.3988, -115.6824



160.1760, 46.7482, -14.1864

Complementary

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



157.7990, -55.1169, 85.2453



143.2010, 55.1169, -85.2453

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.



132.3820, 60.4507, -116.0990



157.7990, -55.1169, 85.2453



140.4740, 40.6853, -123.1957

Square

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



157.7990, -55.1169, 85.2453



120.9920, -18.7301, -106.1100



140.6000, 56.3992, -123.3062



167.4290, 36.7635, 61.8908

Rectangle

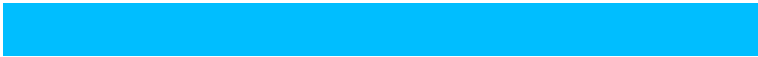
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



157.7990, -55.1169, 85.2453



149.9890, -73.9446, 10.5336



140.6000, 56.3992, -123.3062



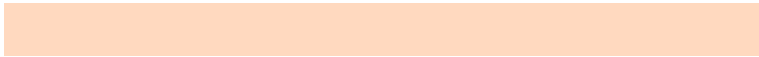
149.0030, 52.2565, -54.3766

Sweetspot

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



157.7990, -55.1169, 85.2453



225.3980, -16.9582, 25.9610



122.7410, 23.7917, 115.9911



110.0530, -10.3791, 15.7395



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.



157.7990, -55.1169, 85.2453



139.0370, -66.0802, 101.6996



218.8470, -85.2136, 31.7062



121.8220, -3.3632, 5.4181



102.3080, -50.4378, 77.7829



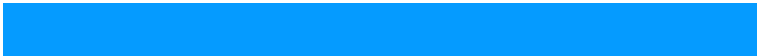
34.3980, -16.9582, 25.9610

Inverse Universe

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



143.2010, 55.1169, -85.2453



121.5500, 65.7908, -102.2144



82.1530, 85.2136, -31.7062



120.5910, 3.6526, -4.9033



88.6920, 50.4378, -77.7829



29.6020, 16.9582, -25.9610

Previews

White Background



This preview shows how the YUV color 157.7990, -55.1169, 85.2453 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 157.7990, -55.1169, 85.2453 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 157.7990, -55.1169, 85.2453

Background



This preview shows how black text looks on a background with the YUV color 157.7990, -55.1169, 85.2453.



This preview shows how white text looks on a background with the YUV color 157.7990, -55.1169, 85.2453.

85.2453.

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

157.7990, -55.1169, 85.2453

Protanopia

158.4400, -50.9959, 23.2931

Deuteranopia

158.3410, -60.8071, 43.5509



Tritanopia

164.0810, -15.8159, 79.7360

Trichromacy



Original Color

157.7990, -55.1169, 85.2453

Protanomaly

157.9420, -52.2294, 45.6549

Deuteranomaly

158.0100, -58.6719, 58.7502

Tritanomaly

161.7210, -29.9355, 81.8057

Monochromacy



Original Color

157.7990, -55.1169, 85.2453

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.9210, -20.1741, 30.7643

CSS Examples

Text

The CSS property to change the color of the text to YUV 157.7990, -55.1169, 85.2453 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(255, 130, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 130, 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(255, 130, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 130, 46) }
```

Border

The CSS property to change the border of an element to YUV 157.7990, -55.1169, 85.2453 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(255, 130, 46) }
```


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

```
.border{ border-color:rgb(255, 130, 46) }
```

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

Here you see how a box with a 4 pixel rgb(255, 130, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 130, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 130, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 130,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 157.7990, -55.1169, 85.2453 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 130, 46) }
```

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

```
.background{ background-color: rgb(255,  
130, 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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