

Converting Colors

YUV(153.5710, -55.9905,
85.4452)

Have a look what the booklet for
YUV(153.5710, -55.9905, 85.4452)
contains.

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Color

**YUV(153.5710, -55.9905,
85.4452)**

Conversions

Conversions Part 1

Format	Color
Hex	FB7E28
RGB	251, 126, 40
RGB Percent	98%, 49%, 16%
CMY	0.0157, 0.5059, 0.8431
CMYK	0.00, 0.50, 0.84, 0.02
HSL	24°, 96%, 57%
HSV	24°, 84%, 98%
XYZ	47.6275, 35.5841, 6.3657
YIQ	153.5710, 102.1060, -0.2460

Conversions

Conversions Part 2

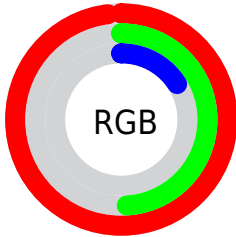
Format	Color
R _Y B	251, 185, 40
Decimal	16481832
CIE Lab	66.20, 42.83, 64.10
CIE LCh	66, 77.092, 56.254
Yxy	35.5841, 0.5317, 0.3972
Android (android.graphics.Color)	4294671912 (0xFFFB7E28)
YUV	153.5710, -55.9905, 85.4452
Hunter-Lab	59.6524, 38.1256, 35.4297

Details

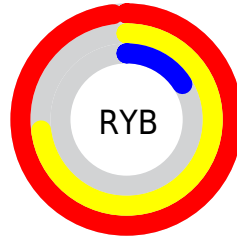
The YUV color **153.5710, -55.9905, 85.4452** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **137.4290, 55.9905, -85.4452**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.6210, -48.6202, 54.7064**, and **99.3510, -48.9800, 76.8682** is the 20% darker color. If you saturate the color by 10%, you get **141.9160, -62.5696, 95.6667**, and if you desaturate by 10%, it is **165.2260, -49.4114, 75.2238**.

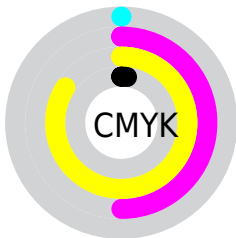
Distribution



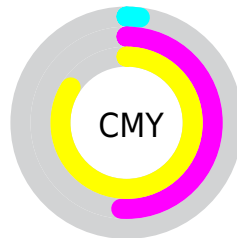
- Red (98%)
- Green (49%)
- Blue (16%)



- Red (98%)
- Yellow (73%)
- Blue (16%)



- Cyan (0%)
- Magenta (50%)
- Yellow (84%)
- Black (2%)



- Cyan (2%)
- Magenta (51%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.5710, -55.9905, 85.4452 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 153.5710, -55.9905, 85.4452 by changing the saturation by 10% instead.

153.5710,
-55.9905, 85.4452

153.5710,
-55.9905, 85.4452

255.0000, 0.0000,
0.0000

124.6370,
-59.4740, 82.7564

192.6210,
-48.6202, 54.7064

99.3510, -48.9800,
76.8682

212.6080,
-45.6557, 37.1778

74.8200, -36.8863,
71.1949

232.1220,
-41.9651, 20.0640

48.5280, -23.9243,
67.0659

245.8800,
-34.9438, 7.9982

28.4050, -14.0037,
58.4038

249.0720,
-22.7135, 5.1989

19.7340, -9.7289,
40.5753

252.3780,

12.0740, -5.4595,

-10.0464, 2.2995

24.4911

■ 0.0000, 0.0000,
0.0000

■ 153.5710,
-55.9905, 85.4452

■ 153.5710,
-55.9905, 85.4452

■ 141.9160,
-62.5696, 95.6667

■ 165.2260,
-49.4114, 75.2238

■ 134.9230,
-66.5170, 101.7995

■ 176.8810,
-42.8323, 65.0024

■ 188.5360,
-36.2532, 54.7809

■ 199.6040,
-29.3848, 45.0743

■ 211.3730,
-22.3689, 34.7529

223.0280,
-15.7898, 24.5314

234.6830, -9.2107,
14.3100

246.3380, -2.6316,
4.0886

253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



143.8660, -19.6539, 97.4645



153.5710, -55.9905, 85.4452



150.7850, -74.3370, 43.1616

Triad

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



153.5710, -55.9905, 85.4452



129.8040, 9.9566, -113.8381



156.6320, 48.4954, -14.5863

Complementary

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



153.5710, -55.9905, 85.4452



137.4290, 55.9905, -85.4452

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.



130.0340, 61.6082, -114.0398



153.5710, -55.9905, 85.4452



137.7840, 40.5325, -120.8366

Square

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



153.5710, -55.9905, 85.4452



118.0740, -19.7565, -103.5509



138.8390, 57.2674, -121.7618



163.2550, 37.3423, 62.9204

Rectangle

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



153.5710, -55.9905, 85.4452



146.4450, -72.1974, 10.1337



138.8390, 57.2674, -121.7618



144.5620, 54.4459, -56.6209

Sweetspot

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



153.5710, -55.9905, 85.4452



225.3980, -16.9582, 25.9610



117.5670, 24.3705, 117.0207



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.



153.5710, -55.9905, 85.4452



137.2930, -67.6854, 103.2290



214.6190, -86.0872, 31.9061



119.4090, -3.6526, 4.9033



101.7100, -50.1430, 76.5533



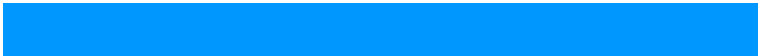
32.9140, -16.2266, 24.6314

Inverse Universe

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



137.4290, 55.9905, -85.4452



117.7070, 67.6854, -103.2290



76.3810, 86.0872, -31.9061



118.1780, 3.3632, -5.4181



87.2900, 50.1430, -76.5533



28.0860, 16.2266, -24.6314

Previews

White Background



This preview shows how the YUV color 153.5710, -55.9905, 85.4452 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 153.5710, -55.9905, 85.4452 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 153.5710, -55.9905, 85.4452

Background



This preview shows how black text looks on a background with the YUV color 153.5710, -55.9905, 85.4452.



This preview shows how white text looks on a background with the YUV color 153.5710, -55.9905, 85.4452.

85.4452.

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

153.5710, -55.9905, 85.4452

Protanopia

154.7990, -52.1589, 22.9783

Deuteranopia

153.7710, -62.9911, 44.0508



Tritanopia

159.8750, -16.7004, 83.4246

Trichromacy



Original Color

153.5710, -55.9905, 85.4452

Protanomaly

154.3010, -53.3924, 45.3400

Deuteranomaly

153.5540, -60.4191, 59.1501

Tritanomaly

157.8030, -30.9619, 84.3648

Monochromacy



Original Color

153.5710, -55.9905, 85.4452

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

153.9210, -20.1741, 30.7643

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.5710, -55.9905, 85.4452 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(251, 126, 40)` looks like.

```
.text, #text, p{  
    color:rgb(251, 126, 40)  
}
```

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(251, 126, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 126, 40) }
```

Border

The CSS property to change the border of an element to YUV 153.5710, -55.9905, 85.4452 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(251, 126, 40) }
```


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

```
.border{ border-color:rgb(251, 126, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 126, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 126, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 126, 40);  
box-shadow:4px 4px 4px 4px rgb(251, 126,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 153.5710, -55.9905, 85.4452 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 126, 40) }
```

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

```
.background{ background-color: rgb(251,  
126, 40) }
```

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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