

Converting Colors

YUV(151.3080, -46.9868,
90.9379)

Have a look what the booklet for
YUV(151.3080, -46.9868, 90.9379)
contains.

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Color

**YUV(151.3080, -46.9868,
90.9379)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7538
RGB	255, 117, 56
RGB Percent	100%, 46%, 22%
CMY	0.0000, 0.5412, 0.7804
CMYK	0.00, 0.54, 0.78, 0.00
HSL	18°, 100%, 61%
HSV	18°, 78%, 100%
XYZ	48.3151, 34.2681, 7.8093
YIQ	151.3080, 101.8290, 10.2850

Conversions

Conversions Part 2

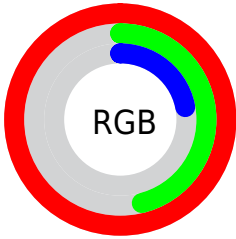
Format	Color
R _Y B	255, 144, 56
Decimal	16741688
CIE Lab	65.17, 49.15, 56.86
CIE LCh	65, 75.159, 49.160
Yxy	34.2681, 0.5345, 0.3791
Android (android.graphics.Color)	4294931768 (0xFFFF7538)
YUV	151.3080, -46.9868, 90.9379
Hunter-Lab	58.5390, 44.8817, 33.0678

Details

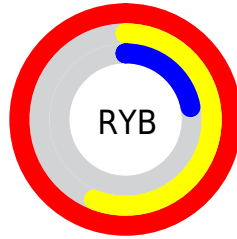
The YUV color **151.3080, -46.9868, 90.9379** is a dark color, and the websafe version is hex **FF6633**, and the color name is **orange (crayola)**. The color can be described as middle washed orange. A complement of this color would be **159.6920, 46.9868, -90.9379**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.4070, -40.6267, 57.5251**, and **94.0900, -46.3864, 84.9901** is the 20% darker color. If you saturate the color by 10%, you get **137.7780, -53.1346, 102.8037**, and if you desaturate by 10%, it is **164.8380, -40.8391, 79.0721**.

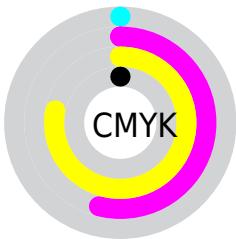
Distribution



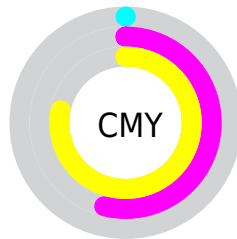
- Red (100%)
- Green (46%)
- Blue (22%)



- Red (100%)
- Yellow (56%)
- Blue (22%)



- Cyan (0%)
- Magenta (54%)
- Yellow (78%)
- Black (0%)



- Cyan (0%)
- Magenta (54%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.3080, -46.9868, 90.9379 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 151.3080, -46.9868, 90.9379 by changing the saturation by 10% instead.

151.3080,
-46.9868, 90.9379

151.3080,
-46.9868, 90.9379

255.0000, 0.0000,
0.0000

122.9270,
-45.8130, 87.7640

189.4070,
-40.6267, 57.5251

94.0900, -46.3864,
84.9901

208.8070,
-37.3729, 40.5113

68.3850, -33.7138,
80.3464

228.9080,
-33.9716, 22.8827

38.5710, -19.0155,
79.3062

247.3620,
-29.2655, 6.6985

29.3020, -14.4459,
60.2481

250.5540,
-17.0351, 3.8991

20.6310, -10.1711,
42.4196

253.8600, -4.3680,

12.3730, -5.6069,

0.9998

25.1059

■ 0.0000, 0.0000,
0.0000

■ 151.3080,
-46.9868, 90.9379

■ 151.3080,
-46.9868, 90.9379

■ 137.7780,
-53.1346, 102.8037

■ 164.8380,
-40.8391, 79.0721

■ 124.9490,
-59.1349, 114.0547

■ 177.6670,
-34.8388, 67.8210

■ 122.0310,
-60.1613, 116.6138

■ 191.0830,
-29.1279, 56.0552

■ 204.6130,
-22.9802, 44.1894

■ 217.4420,
-16.9799, 32.9384

■ 230.9720,
-10.8322, 21.0726

■ 244.5020, -4.6845,
9.2067

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.



142.5270, -12.0918, 98.6388



151.3080, -46.9868, 90.9379



148.4920, -73.2066, 53.9425

Triad

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



151.3080, -46.9868, 90.9379



124.7030, 3.1044, -109.3645



147.9060, 52.7973, -41.1366

Complementary

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



151.3080, -46.9868, 90.9379



159.6920, 46.9868, -90.9379

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.



130.6210, 61.3188, -114.5546



151.3080, -46.9868, 90.9379



133.8570, 33.1015, -117.3926

Square

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



151.3080, -46.9868, 90.9379



130.6570, -33.8479, -63.7202



137.6650, 57.8462, -120.7322



161.9970, 41.9065, 45.6066

Rectangle

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



151.3080, -46.9868, 90.9379



146.2230, -72.0879, 21.7294



137.6650, 57.8462, -120.7322



122.9900, 65.0809, -107.8622

Sweetspot

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



151.3080, -46.9868, 90.9379



224.2070, -13.9061, 27.0055



131.3470, 31.3809, 108.4437



109.2210, -8.4900, 16.4692



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.



151.3080, -46.9868, 90.9379



130.1980, -56.7926, 109.4514



208.8340, -75.3472, 40.4876



121.2350, -3.0739, 5.9329



91.7420, -45.2288, 87.0493



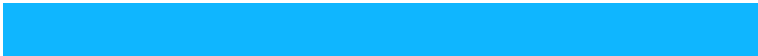
30.8760, -15.2219, 29.0497

Inverse Universe

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



159.6920, 46.9868, -90.9379



140.3890, 56.5032, -109.9662



102.1660, 75.3472, -40.4876



121.7650, 3.0739, -5.9329



99.8450, 44.9394, -87.5641



33.1240, 15.2219, -29.0497

Previews

White Background



This preview shows how the YUV color 151.3080, -46.9868, 90.9379 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 151.3080, -46.9868, 90.9379 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 151.3080, -46.9868, 90.9379

Background



This preview shows how black text looks on a background with the YUV color 151.3080, -46.9868, 90.9379.



This preview shows how white text looks on a background with the YUV color 151.3080, -46.9868, 90.9379.

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

151.3080, -46.9868, 90.9379

Protanopia

153.7090, -42.2545, 19.5492

Deuteranopia

153.3820, -52.9393, 40.0070



Tritanopia

155.5550, -18.0216, 87.2133

Trichromacy



Original Color

151.3080, -46.9868, 90.9379

Protanomaly

153.1190, -43.9357, 45.4996

Deuteranomaly

152.7740, -50.6676, 58.0802

Tritanomaly

154.1070, -28.6468, 88.4832

Monochromacy



Original Color

151.3080, -46.9868, 90.9379

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.3280, -17.4167, 33.0383

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.3080, -46.9868, 90.9379 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, 117, 56)` looks like.

```
.text, #text, p{  
    color:rgb(255, 117, 56)  
}
```

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, 117, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 117, 56) }
```

Border

The CSS property to change the border of an element to YUV 151.3080, -46.9868, 90.9379 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, 117, 56) }
```


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

```
.border{ border-color:rgb(255, 117, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 117, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 117, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 117, 56);  
box-shadow:4px 4px 4px 4px rgb(255, 117,  
56) }
```

Background

The CSS property to change the background color of an element to YUV 151.3080, -46.9868, 90.9379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 117, 56) }
```

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

```
.background{ background-color: rgb(255,  
117, 56) }
```

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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