

Converting Colors

YUV(151.2450, -54.8438,
90.9931)

Have a look what the booklet for
YUV(151.2450, -54.8438, 90.9931)
contains.

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Color

**YUV(151.2450, -54.8438,
90.9931)**

Conversions

Conversions Part 1

Format	Color
Hex	FF7828
RGB	255, 120, 40
RGB Percent	100%, 47%, 16%
CMY	0.0000, 0.5294, 0.8431
CMYK	0.00, 0.53, 0.84, 0.00
HSL	22°, 100%, 58%
HSV	22°, 84%, 100%
XYZ	48.3395, 34.8461, 6.1857
YIQ	151.2450, 106.1400, 3.7400

Conversions

Conversions Part 2

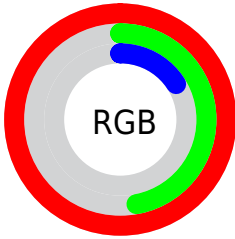
Format	Color
R _Y B	255, 167, 40
Decimal	16742440
CIE Lab	65.63, 47.26, 63.85
CIE LCh	66, 79.442, 53.494
Yxy	34.8461, 0.5409, 0.3899
Android (android.graphics.Color)	4294932520 (0xFFFF7828)
YUV	151.2450, -54.8438, 90.9931
Hunter-Lab	59.0306, 42.8679, 35.1086

Details

The YUV color **151.2450, -54.8438, 90.9931** is a dark color, and the websafe version is hex **FF6600**. The color can be described as middle washed orange. A complement of this color would be **143.7550, 54.8438, -90.9931**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.5720, -47.6100, 57.3804**, and **96.4380, -47.5439, 82.9309** is the 20% darker color. If you saturate the color by 10%, you get **139.0030, -61.1335, 101.7294**, and if you desaturate by 10%, it is **163.6010, -48.1173, 80.1569**.

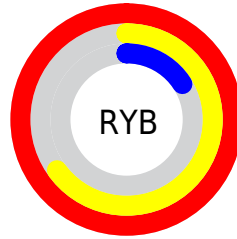
Distribution



Red (100%)

Green (47%)

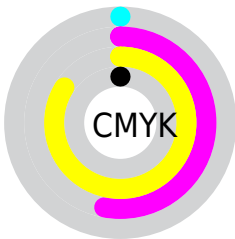
Blue (16%)



Red (100%)

Yellow (65%)

Blue (16%)

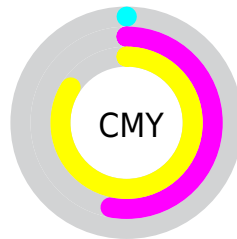


Cyan (0%)

Magenta (53%)

Yellow (84%)

Black (0%)



Cyan (0%)

Magenta (53%)

Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.2450, -54.8438, 90.9931 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 151.2450, -54.8438, 90.9931 by changing the saturation by 10% instead.

151.2450,
-54.8438, 90.9931

151.2450,
-54.8438, 90.9931

255.0000, 0.0000,
0.0000

121.8380,
-57.6011, 88.7191

189.5720,
-47.6100, 57.3804

96.4380, -47.5439,
82.9309

209.0860,
-43.9194, 40.2666

70.4340, -34.7240,
77.6724

229.1870,
-40.5182, 22.6380

40.0330, -19.7363,
77.1471

245.7660,
-35.3806, 8.0982

29.3020, -14.4459,
60.2481

248.9580,
-23.1503, 5.2988

20.6310, -10.1711,
42.4196

252.2640,

12.3730, -5.6069,

-10.4832, 2.3995

25.1059

■ 0.0000, 0.0000,
0.0000

■ 151.2450,
-54.8438, 90.9931

■ 151.2450,
-54.8438, 90.9931

■ 139.0030,
-61.1335, 101.7294

■ 163.6010,
-48.1173, 80.1569

■ 132.0100,
-65.0809, 107.8622

■ 175.8430,
-41.8276, 69.4207

■ 188.1990,
-35.1011, 58.5845

■ 200.4410,
-28.8114, 47.8482

■ 212.7970,
-22.0849, 37.0120

225.0390,
-15.7952, 26.2758

237.3950, -9.0687,
15.4396

249.6370, -2.7790,
4.7034

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.



140.0990, -16.3178, 100.7682



151.2450, -54.8438, 90.9931



149.6330, -73.7691, 47.6799

Triad

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



151.2450, -54.8438, 90.9931



127.6040, 6.6042, -111.9087



151.8370, 50.8594, -26.1670

Complementary

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



151.2450, -54.8438, 90.9931



143.7550, 54.8438, -90.9931

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



151.2450, -54.8438, 90.9931



136.5130, 38.2011, -119.7219

Square

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



151.2450, -54.8438, 90.9931



116.2330, -24.2719, -101.9363



138.2520, 57.5568, -121.2470



162.1450, 40.8475, 58.6318

Rectangle

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



151.2450, -54.8438, 90.9931



145.8800, -71.9188, 14.1372



138.2520, 57.5568, -121.2470



130.4980, 61.3795, -87.2597

Sweetspot

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



151.2450, -54.8438, 90.9931



224.2240, -16.3794, 26.9906



119.7890, 27.7120, 118.5800



108.8790, -9.8003, 16.7691



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.



151.2450, -54.8438, 90.9931



132.0100, -65.0809, 107.8622



213.4670, -85.5192, 36.4244



121.2350, -3.0739, 5.9329



98.7860, -48.7015, 80.8717



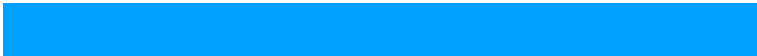
33.2240, -16.3794, 26.9906

Inverse Universe

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



143.7550, 54.8438, -90.9931



122.9900, 65.0809, -107.8622



81.5330, 85.5192, -36.4244



121.1780, 3.3632, -5.4181



92.2140, 48.7015, -80.8717



30.7760, 16.3794, -26.9906

Previews

White Background



This preview shows how the YUV color 151.2450, -54.8438, 90.9931 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 151.2450, -54.8438, 90.9931 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 151.2450, -54.8438, 90.9931

Background



This preview shows how black text looks on a background with the YUV color 151.2450, -54.8438, 90.9931.



This preview shows how white text looks on a background with the YUV color 151.2450, -54.8438, 90.9931.

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

151.2450, -54.8438, 90.9931

Protanopia

153.1410, -50.8485, 22.6783

Deuteranopia

152.3580, -63.2805, 43.5360



Tritanopia

157.6580, -17.5794, 85.3689

Trichromacy



Original Color

151.2450, -54.8438, 90.9931

Protanomaly

152.2520, -52.3822, 48.0140

Deuteranomaly

151.6790, -59.9877, 60.7945

Tritanomaly

155.4120, -31.2621, 87.3387

Monochromacy



Original Color

151.2450, -54.8438, 90.9931

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

151.3450, -19.8901, 33.0234

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.2450, -54.8438, 90.9931 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, 120, 40)` looks like.

```
.text, #text, p{  
    color:rgb(255, 120, 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(255, 120, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 120, 40) }
```

Border

The CSS property to change the border of an element to YUV 151.2450, -54.8438, 90.9931 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, 120, 40) }
```


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

```
.border{ border-color:rgb(255, 120, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 120, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 120, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 120, 40);  
box-shadow:4px 4px 4px 4px rgb(255, 120,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 151.2450, -54.8438, 90.9931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 120, 40) }
```

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

```
.background{ background-color: rgb(255,  
120, 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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