

Converting Colors

YUV(177.7400, -62.4828,
67.7570)

Have a look what the booklet for
YUV(177.7400, -62.4828, 67.7570)
contains.

YUV(177.7400, -62.4828, 67.7570)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(177.7400, -62.4828,
67.7570)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA333
RGB	255, 163, 51
RGB Percent	100%, 64%, 20%
CMY	0.0000, 0.3608, 0.8000
CMYK	0.00, 0.36, 0.80, 0.00
HSL	33°, 100%, 60%
HSV	33°, 80%, 100%
XYZ	54.9347, 47.6934, 9.4423
YIQ	177.7400, 90.7840, -15.3280

Conversions

Conversions Part 2

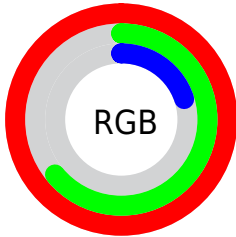
Format	Color
R _Y B	219, 255, 51
Decimal	16753459
CIE Lab	74.63, 25.84, 67.73
CIE LCh	75, 72.496, 69.119
Yxy	47.6934, 0.4902, 0.4256
Android (android.graphics.Color)	4294943539 (0xFFFFA333)
YUV	177.7400, -62.4828, 67.7570
Hunter-Lab	69.0604, 21.1337, 40.2358

Details

The YUV color **177.7400, -62.4828, 67.7570** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **128.2600, 62.4828, -67.7570**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2950, -54.3754, 33.9443**, and **122.5650, -60.4245, 60.8945** is the 20% darker color. If you saturate the color by 10%, you get **167.7320, -70.3669, 76.5340**, and if you desaturate by 10%, it is **187.7480, -54.5988, 58.9800**.

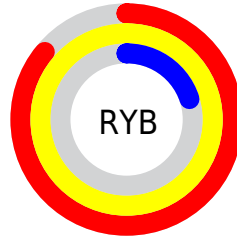
Distribution



Red (100%)

Green (64%)

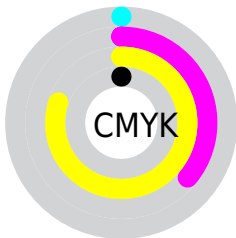
Blue (20%)



Red (86%)

Yellow (100%)

Blue (20%)

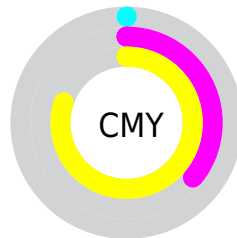


Cyan (0%)

Magenta (36%)

Yellow (80%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.7400, -62.4828, 67.7570 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 177.7400, -62.4828, 67.7570 by changing the saturation by 10% instead.

177.7400,
-62.4828, 67.7570

177.7400,
-62.4828, 67.7570

255.0000, 0.0000,
0.0000

149.3330,
-65.2402, 65.4830

216.2950,
-54.3754, 33.9443

122.5650,
-60.4245, 60.8945

236.3960,
-50.9742, 16.3157

98.9200, -48.7676,
55.3212

244.2840,
-41.0590, 9.3979

75.8620, -37.4000,
49.2330

247.4760,
-28.8287, 6.5985

53.9780, -26.6112,
42.1153

250.7820,
-16.1615, 3.6992

32.1050, -15.8278,
36.7419

254.0880, -3.4944,

14.3520, -7.0755,

0.7998

29.5093

■ 2.0930, -1.0318,
4.3034

■ 0.0000, 0.0000,
0.0000

■ 177.7400,
-62.4828, 67.7570

■ 177.7400,
-62.4828, 67.7570

■ 167.7320,
-70.3669, 76.5340

■ 187.7480,
-54.5988, 58.9800

■ 158.4250,
-78.1035, 84.6963

■ 197.0550,
-46.8621, 50.8178

■ 206.4760,
-38.6887, 42.5555

■ 216.3700,
-31.2414, 33.8785

■ 226.3780,
-23.3574, 25.1015

■ 235.6850,
-15.6207, 16.9393

■ 245.1060, -7.4473,
8.6770

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.



167.8190, -31.9558, 76.4577



177.7400, -62.4828, 67.7570



172.6900, -70.3462, 23.0739

Triad

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



177.7400, -62.4828, 67.7570



149.3470, 26.4509, -130.9773



184.9160, 34.5514, 24.6297

Complementary

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



177.7400, -62.4828, 67.7570



128.2600, 62.4828, -67.7570

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.



159.4920, 47.0854, -75.8535



177.7400, -62.4828, 67.7570



154.1010, 49.7432, -135.1466

Square

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



177.7400, -62.4828, 67.7570



139.6060, -3.2568, -122.4345



148.2310, 52.6371, -129.9986



178.5300, 26.8537, 67.0642

Rectangle

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



177.7400, -62.4828, 67.7570



168.7160, -56.5550, -13.7829



148.2310, 52.6371, -129.9986



180.6200, 36.6693, -1.4207

Sweetspot

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



177.7400, -62.4828, 67.7570



231.6100, -18.5417, 20.5130



122.8260, 11.4248, 115.9166



113.8030, -11.2419, 12.4508



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.



177.7400, -62.4828, 67.7570



162.5000, -75.1825, 81.1225



229.6510, -88.0749, 16.0921



122.9960, -3.9420, 4.3885



118.7440, -58.5408, 63.3685



39.6810, -19.5627, 21.3278

Inverse Universe

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



128.2600, 62.4828, -67.7570



103.0870, 74.8931, -81.6373



76.3490, 88.0749, -16.0921



120.0040, 3.9420, -4.3885



72.2560, 58.5408, -63.3685



24.3190, 19.5627, -21.3278

Previews

White Background



This preview shows how the YUV color 177.7400, -62.4828, 67.7570 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 177.7400, -62.4828, 67.7570 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 177.7400, -62.4828, 67.7570 Background



This preview shows how black text looks on a background with the YUV color 177.7400, -62.4828, 67.7570.



This preview shows how white text looks on a background with the YUV color 177.7400, -62.4828, 67.7570.

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

177.7400, -62.4828, 67.7570

Protanopia

176.1000, -58.7163, 26.2223

Deuteranopia

177.0380, -64.6017, 47.3247



Tritanopia

186.7410, -10.2253, 59.8631

Trichromacy



Original Color

177.7400, -62.4828, 67.7570

Protanomaly

176.5580, -59.9281, 41.6066

Deuteranomaly

177.6090, -63.8972, 54.7169

Tritanomaly

183.7140, -29.4390, 62.5178

Monochromacy



Original Color

177.7400, -62.4828, 67.7570

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1930, -22.7731, 24.3867

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.7400, -62.4828, 67.7570 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, 163, 51)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 51)  
}
```

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, 163, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 51) }
```

Border

The CSS property to change the border of an element to YUV 177.7400, -62.4828, 67.7570 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, 163, 51) }
```


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

```
.border{ border-color:rgb(255, 163, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 51);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
51) }
```

Background

The CSS property to change the background color of an element to YUV 177.7400, -62.4828, 67.7570 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 51) }
```

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

```
.background{ background-color: rgb(255,  
163, 51) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor