

Converting Colors

YUV(177.6470, -41.2380,
66.9616)

Have a look what the booklet for
YUV(177.6470, -41.2380, 66.9616)
contains.

YUV(177.6470, -41.2380, 66.9616)	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(177.6470, -41.2380,
66.9616)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9B5E
RGB	254, 155, 94
RGB Percent	100%, 61%, 37%
CMY	0.0039, 0.3922, 0.6314
CMYK	0.00, 0.39, 0.63, 0.00
HSL	23°, 99%, 68%
HSV	23°, 63%, 100%
XYZ	54.6148, 45.3217, 16.4591
YIQ	177.6470, 78.5850, 2.0170

Conversions

Conversions Part 2

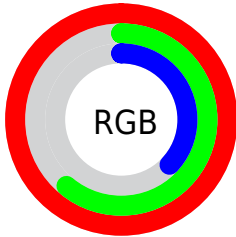
Format	Color
RYB	254, 193, 94
Decimal	16685918
CIELab	73.10, 31.62, 47.09
CIELCh	73, 56.716, 56.121
Yxy	45.3217, 0.4692, 0.3894
Android (android.graphics.Color)	4294875998 (0xFFFE9B5E)
YUV	177.6470, -41.2380, 66.9616
Hunter-Lab	67.3214, 26.9965, 32.6294

Details

The YUV color **177.6470, -41.2380, 66.9616** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **170.3530, 41.2380, -66.9616**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.1590, -34.5884, 34.0636**, and **123.2980, -38.6009, 61.1287** is the 20% darker color. If you saturate the color by 10%, you get **165.4050, -47.5277, 77.6978**, and if you desaturate by 10%, it is **189.8890, -34.9483, 56.2253**.

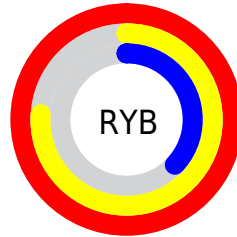
Distribution



Red (100%)

Green (61%)

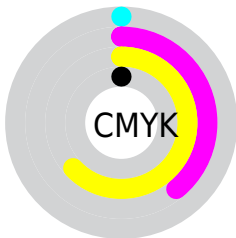
Blue (37%)



Red (100%)

Yellow (76%)

Blue (37%)

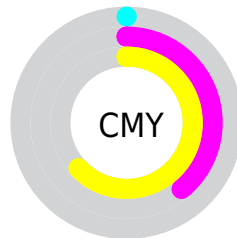


Cyan (0%)

Magenta (39%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.6470, -41.2380, 66.9616 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 177.6470, -41.2380, 66.9616 by changing the saturation by 10% instead.

177.6470,
-41.2380, 66.9616

177.6470,
-41.2380, 66.9616

255.0000, 0.0000,
0.0000

150.2660,
-40.0641, 63.7877

216.1590,
-34.5884, 34.0636

123.2980,
-38.6009, 61.1287

236.2600,
-31.1872, 16.4350

96.6890, -38.3007,
58.1547

248.8440,
-23.5871, 5.3988

71.4650, -35.2322,
53.9662

252.0360,
-11.3567, 2.5994

48.7060, -24.0121,
48.4928

24.7730, -12.2131,
44.0491

14.6510, -7.2229,

30.1241

■ 1.4950, -0.7370,
3.0739

■ 0.0000, 0.0000,
0.0000

■ 177.6470,
-41.2380, 66.9616

■ 177.6470,
-41.2380, 66.9616

■ 165.4050,
-47.5277, 77.6978

■ 189.8890,
-34.9483, 56.2253

■ 153.6360,
-54.5435, 88.0192

■ 201.6580,
-27.9324, 45.9039

■ 141.3940,
-60.8332, 98.7555

■ 213.9000,
-21.6427, 35.1677

■ 132.8850,
-65.5123, 106.2179

■ 226.2560,
-14.9162, 24.3315

238.4980, -8.6265,
13.5953

250.1530, -2.0474,
3.3738

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



172.8690, -17.6834, 72.0289



177.6470, -41.2380, 66.9616



174.5170, -51.0339, 35.5036

Triad

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



177.6470, -41.2380, 66.9616



139.8290, 15.3673, -122.6300



179.4020, 37.2698, -7.3686

Complementary

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



177.6470, -41.2380, 66.9616



170.3530, 41.2380, -66.9616

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.



152.5930, 50.4867, -93.4821



177.6470, -41.2380, 66.9616



145.8710, 38.5176, -127.9289

Square

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



177.6470, -41.2380, 66.9616



160.2680, -20.3451, -54.6090



145.8830, 53.7947, -127.9394



184.8710, 26.1926, 45.7171

Rectangle

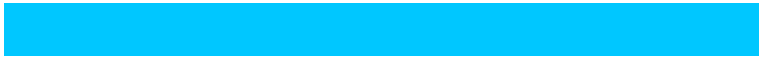
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



177.6470, -41.2380, 66.9616



171.4490, -48.0424, 9.2532



145.8830, 53.7947, -127.9394



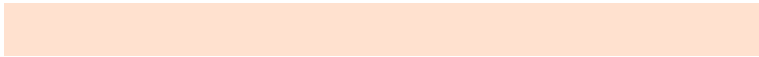
173.9540, 39.9557, -28.9007

Sweetspot

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



177.6470, -41.2380, 66.9616



231.9180, -12.2846, 20.2429



153.3540, 20.5315, 88.2665



113.4270, -7.6055, 12.7805



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.



177.6470, -41.2380, 66.9616



162.4440, -50.0119, 81.1716



223.4330, -63.8105, 26.8073



121.8220, -3.3632, 5.4181



99.9600, -49.2803, 79.8421



33.2240, -16.3794, 26.9906

Inverse Universe

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



170.3530, 41.2380, -66.9616



153.5560, 50.0119, -81.1716



124.5670, 63.8105, -26.8073



121.1780, 3.3632, -5.4181



91.0400, 49.2803, -79.8421



30.1890, 16.6688, -26.4758

Previews

White Background



This preview shows how the YUV color 177.6470, -41.2380, 66.9616 looks on a white background.

Color Contrast Check

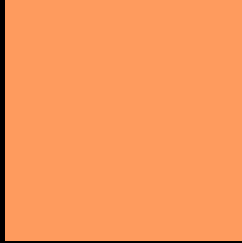
Large Text (above 18pt) WCAG AA × Fail

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 177.6470, -41.2380, 66.9616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

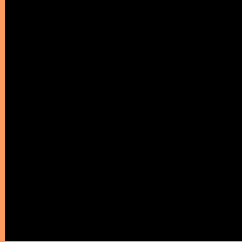
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 177.6470, -41.2380, 66.9616

Background



This preview shows how black text looks on a background with the YUV color 177.6470, -41.2380, 66.9616.



This preview shows how white text looks on a background with the YUV color 177.6470, -41.2380, 66.9616.

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

177.6470, -41.2380, 66.9616

Protanopia

176.3050, -36.1394, 18.1495

Deuteranopia

176.7160, -42.7510, 38.8371



Tritanopia

181.8340, -11.2572, 64.1666

Trichromacy



Original Color

177.6470, -41.2380, 66.9616

Protanomaly

176.9590, -37.9408, 35.9930

Deuteranomaly

176.8960, -42.3467, 49.2032

Tritanomaly

180.2720, -22.3191, 65.5365

Monochromacy



Original Color

177.6470, -41.2380, 66.9616

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

178.1420, -15.3530, 24.4315

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.6470, -41.2380, 66.9616 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(254, 155, 94)` looks like.

```
.text, #text, p{  
    color:rgb(254, 155, 94)  
}
```

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(254, 155, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 155, 94) }
```

Border

The CSS property to change the border of an element to YUV 177.6470, -41.2380, 66.9616 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(254, 155, 94) }
```


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

```
.border{ border-color:rgb(254, 155, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 155, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 155, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 155, 94);  
box-shadow:4px 4px 4px 4px rgb(254, 155,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 177.6470, -41.2380, 66.9616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 155, 94) }
```

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

```
.background{ background-color: rgb(254,  
155, 94) }
```

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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