

Converting Colors

YUV(170.6880, -50.1322,
73.0646)

Have a look what the booklet for
YUV(170.6880, -50.1322, 73.0646)
contains.

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Color

**YUV(170.6880, -50.1322,
73.0646)**

Conversions

Conversions Part 1

Format	Color
Hex	FE9445
RGB	254, 148, 69
RGB Percent	100%, 58%, 27%
CMY	0.0039, 0.4196, 0.7294
CMYK	0.00, 0.42, 0.73, 0.00
HSL	26°, 99%, 63%
HSV	26°, 73%, 100%
XYZ	52.5371, 42.6803, 11.0993
YIQ	170.6880, 88.5350, -2.0970

Conversions

Conversions Part 2

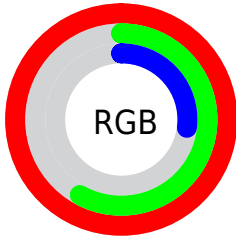
Format	Color
R _Y B	254, 207, 69
Decimal	16684101
CIE Lab	71.34, 33.89, 57.15
CIE LCh	71, 66.445, 59.336
Yxy	42.6803, 0.4942, 0.4014
Android (android.graphics.Color)	4294874181 (0xFFFE9445)
YUV	170.6880, -50.1322, 73.0646
Hunter-Lab	65.3302, 29.2181, 35.6580

Details

The YUV color **170.6880, -50.1322, 73.0646** 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 **152.3120, 50.1322, -73.0646**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.2000, -43.4826, 40.1666**, and **115.2420, -50.4053, 67.3168** is the 20% darker color. If you saturate the color by 10%, you get **159.0330, -56.7113, 83.2861**, and if you desaturate by 10%, it is **182.3430, -43.5531, 62.8432**.

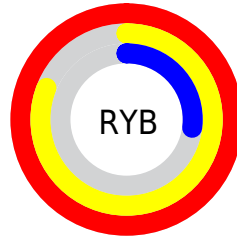
Distribution



Red (100%)

Green (58%)

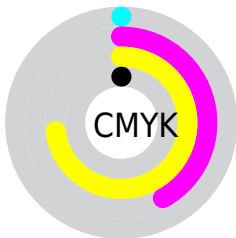
Blue (27%)



Red (100%)

Yellow (81%)

Blue (27%)

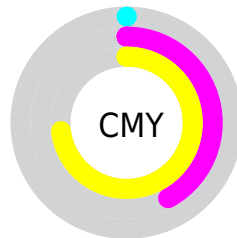


Cyan (0%)

Magenta (42%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (42%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.6880, -50.1322, 73.0646 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 170.6880, -50.1322, 73.0646 by changing the saturation by 10% instead.

170.6880,
-50.1322, 73.0646

170.6880,
-50.1322, 73.0646

255.0000, 0.0000,
0.0000

143.1930,
-49.3951, 69.9907

209.2000,
-43.4826, 40.1666

115.2420,
-50.4053, 67.3168

228.7140,
-39.7920, 23.0528

89.8160, -44.2793,
62.4284

245.8800,
-34.9438, 7.9982

66.7580, -32.9117,
56.3402

249.0720,
-22.7135, 5.1989

43.1130, -21.2547,
50.7669

252.3780,
-10.0464, 2.2995

21.8270, -10.7607,
44.8787

14.4660, -6.6387,

29.4093

■ 0.0000, 0.0000,
0.0000

■ 170.6880,
-50.1322, 73.0646

■ 170.6880,
-50.1322, 73.0646

■ 159.0330,
-56.7113, 83.2861

■ 182.3430,
-43.5531, 62.8432

■ 147.8510,
-64.0165, 93.0927

■ 193.5250,
-36.2478, 53.0366

■ 139.3420,
-68.6956, 100.5551

■ 205.1800,
-29.6687, 42.8151

■ 216.3620,
-22.3635, 33.0085

■ 228.0170,
-15.7844, 22.7871

■ 239.0850, -8.9159,
13.0805

■ 250.8540, -1.9000,
2.7590

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.



163.1860, -21.7837, 80.5209



170.6880, -50.1322, 73.0646



166.8300, -62.5272, 35.2291

Triad

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



170.6880, -50.1322, 73.0646



138.6550, 15.9461, -121.6004



173.8310, 40.0163, -1.6058

Complementary

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



170.6880, -50.1322, 73.0646



152.3120, 50.1322, -73.0646

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.



135.9040, 58.7143, -119.1878



170.6880, -50.1322, 73.0646



145.6090, 42.5908, -127.6991

Square

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



170.6880, -50.1322, 73.0646



145.7980, -17.6484, -79.6298



144.1220, 54.6629, -126.3950



178.9420, 28.6226, 59.6869

Rectangle

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



170.6880, -50.1322, 73.0646



163.4240, -56.9040, 4.8902



144.1220, 54.6629, -126.3950



168.3500, 42.7185, -28.3709

Sweetspot

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



170.6880, -50.1322, 73.0646



229.8320, -15.2002, 22.0723



136.6270, 19.9039, 102.9361



112.9710, -9.3527, 13.1804



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.



170.6880, -50.1322, 73.0646



155.1430, -60.2165, 87.5746



224.1050, -76.4668, 26.2179



121.8220, -3.3632, 5.4181



105.2430, -51.8848, 75.2089



34.9850, -17.2476, 25.4462

Inverse Universe

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



152.3120, 50.1322, -73.0646



132.8570, 60.2165, -87.5746



98.8950, 76.4668, -26.2179



120.5910, 3.6526, -4.9033



86.3440, 51.5954, -75.7237



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 170.6880, -50.1322, 73.0646 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 170.6880, -50.1322, 73.0646 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 170.6880, -50.1322, 73.0646

Background



This preview shows how black text looks on a background with the YUV color 170.6880, -50.1322, 73.0646.



This preview shows how white text looks on a background with the YUV color 170.6880, -50.1322, 73.0646.

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

170.6880, -50.1322, 73.0646

Protanopia

169.8080, -45.7543, 22.0934

Deuteranopia

169.9200, -52.2186, 42.1662



Tritanopia

176.2260, -12.4364, 69.0848

Trichromacy



Original Color

170.6880, -50.1322, 73.0646

Protanomaly

169.8750, -47.2664, 40.4516

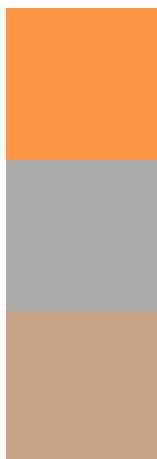
Deuteranomaly

169.9260, -51.2355, 53.5619

Tritanomaly

174.5670, -26.4085, 70.5397

Monochromacy



Original Color

170.6880, -50.1322, 73.0646

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.0560, -18.2686, 26.2609

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.6880, -50.1322, 73.0646 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, 148, 69)` looks like.

```
.text, #text, p{  
    color:rgb(254, 148, 69)  
}
```

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, 148, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 148, 69) }
```

Border

The CSS property to change the border of an element to YUV 170.6880, -50.1322, 73.0646 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, 148, 69) }
```


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

```
.border{ border-color:rgb(254, 148, 69) }
```

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

Here you see how a box with a 4 pixel rgb(254, 148, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 148, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 148, 69);  
box-shadow:4px 4px 4px 4px rgb(254, 148,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 170.6880, -50.1322, 73.0646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 148, 69) }
```

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

```
.background{ background-color: rgb(254,  
148, 69) }
```

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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