

Converting Colors

YUV(171.1180, -52.3162,
73.5645)

Have a look what the booklet for
YUV(171.1180, -52.3162, 73.5645)
contains.

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Color

**YUV(171.1180, -52.3162,
73.5645)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9541
RGB	255, 149, 65
RGB Percent	100%, 58%, 25%
CMY	0.0000, 0.4157, 0.7451
CMYK	0.00, 0.42, 0.75, 0.00
HSL	27°, 100%, 63%
HSV	27°, 75%, 100%
XYZ	52.9416, 43.1365, 10.5369
YIQ	171.1180, 90.1400, -3.6520

Conversions

Conversions Part 2

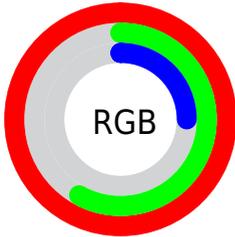
Format	Color
R _Y B	255, 216, 65
Decimal	16749889
CIE Lab	71.65, 33.60, 59.29
CIE LCh	72, 68.153, 60.460
Yxy	43.1365, 0.4966, 0.4046
Android (android.graphics.Color)	4294939969 (0xFFFF9541)
YUV	171.1180, -52.3162, 73.5645
Hunter-Lab	65.6784, 28.9467, 36.4629

Details

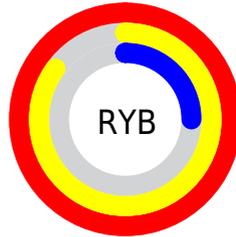
The YUV color **171.1180, -52.3162, 73.5645** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **148.8820, 52.3162, -73.5645**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.3310, -45.5192, 40.0517**, and **114.8030, -54.6259, 67.7018** is the 20% darker color. If you saturate the color by 10%, you get **159.9360, -59.6214, 83.3711**, and if you desaturate by 10%, it is **182.1860, -45.4477, 63.8579**.

Distribution



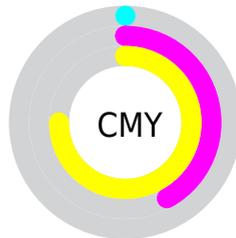
- Red (100%)
- Green (58%)
- Blue (25%)



- Red (100%)
- Yellow (85%)
- Blue (25%)



- Cyan (0%)
- Magenta (42%)
- Yellow (75%)
- Black (0%)



- Cyan (0%)
- Magenta (42%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.1180, -52.3162, 73.5645 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 171.1180, -52.3162, 73.5645 by changing the saturation by 10% instead.

171.1180,
-52.3162, 73.5645

171.1180,
-52.3162, 73.5645

255.0000, 0.0000,
0.0000

143.5090,
-52.0159, 70.5906

209.3310,
-45.5192, 40.0517

114.8030,
-54.6259, 67.7018

228.8450,
-41.8286, 22.9379

90.7020, -44.7161,
62.5283

245.5380,
-36.2542, 8.2982

67.6440, -33.3485,
56.4402

248.7300,
-24.0239, 5.4988

43.9990, -21.6915,
50.8669

251.9220,
-11.7935, 2.6994

21.8270, -10.7607,
44.8787

14.4660, -6.6387,

29.4093

■ 0.0000, 0.0000,
0.0000

■ 171.1180,
-52.3162, 73.5645

■ 171.1180,
-52.3162, 73.5645

■ 159.9360,
-59.6214, 83.3711

■ 182.1860,
-45.4477, 63.8579

■ 148.8680,
-66.4899, 93.0778

■ 193.3680,
-38.1424, 54.0513

■ 142.5760,
-70.2900, 98.5958

■ 205.1370,
-31.1265, 43.7299

■ 216.2050,
-24.2581, 34.0232

■ 227.3870,
-16.9528, 24.2166

238.4550,
-10.0843, 14.5100

250.1100, -3.5052,
4.2885

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.



162.8440, -23.0941, 80.8208



171.1180, -52.3162, 73.5645



167.4340, -65.2900, 34.6994

Triad

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



171.1180, -52.3162, 73.5645



140.2850, 17.1145, -123.0299



175.3260, 39.2793, 1.4681

Complementary

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



171.1180, -52.3162, 73.5645



148.8820, 52.3162, -73.5645

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



171.1180, -52.3162, 73.5645



146.7660, 44.4854, -128.7138

Square

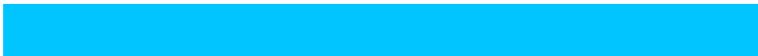
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



171.1180, -52.3162, 73.5645



142.6120, -15.5847, -88.2367



144.7090, 54.3735, -126.9098



179.6650, 28.7592, 62.5608

Rectangle

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



171.1180, -52.3162, 73.5645



163.6580, -58.4984, 2.9309



144.7090, 54.3735, -126.9098



168.6600, 42.5656, -26.0118

Sweetspot

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



171.1180, -52.3162, 73.5645



230.4190, -15.4896, 21.5575



134.1220, 19.1669, 106.0100



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.



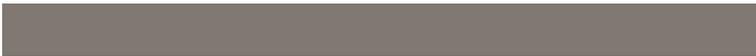
171.1180, -52.3162, 73.5645



154.5730, -62.4005, 88.0745



225.7090, -79.2295, 25.6882



121.8220, -3.3632, 5.4181



107.0040, -52.7530, 73.6645



35.5720, -17.5370, 24.9314

Inverse Universe

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



148.8820, 52.3162, -73.5645



128.4270, 62.4005, -88.0745



94.2910, 79.2295, -25.6882



120.5910, 3.6526, -4.9033



84.5830, 52.4636, -74.1793



28.4280, 17.5370, -24.9314

Previews

White Background



This preview shows how the YUV color 171.1180, -52.3162, 73.5645 looks on a white background.

Color Contrast Check

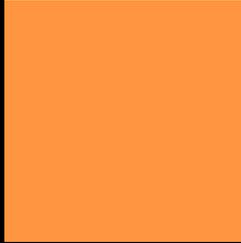
Large Text (above 18pt) WCAG AA × Fail

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 171.1180, -52.3162, 73.5645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

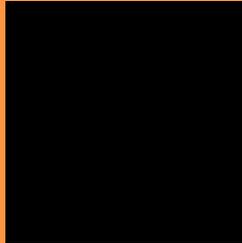
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.1180, -52.3162, 73.5645

Background



This preview shows how black text looks on a background with the YUV color 171.1180, -52.3162, 73.5645.



This preview shows how white text looks on a background with the YUV color 171.1180, -52.3162, 73.5645.

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

171.1180, -52.3162, 73.5645

Protanopia

170.2380, -47.9383, 22.5933

Deuteranopia

170.6490, -54.5500, 43.2808



Tritanopia

177.5140, -12.5784, 67.9552

Trichromacy



Original Color

171.1180, -52.3162, 73.5645

Protanomaly

170.3050, -49.4504, 40.9515

Deuteranomaly

170.6550, -53.5669, 54.6766

Tritanomaly

175.0400, -27.1347, 70.1249

Monochromacy



Original Color

171.1180, -52.3162, 73.5645

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1270, -19.2896, 27.0756

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.1180, -52.3162, 73.5645 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, 149, 65)` looks like.

```
.text, #text, p{  
    color:rgb(255, 149, 65)  
}
```

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, 149, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 149, 65) }
```

Border

The CSS property to change the border of an element to YUV 171.1180, -52.3162, 73.5645 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, 149, 65) }
```

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

```
.border{ border-color:rgb(255, 149, 65) }
```

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

Here you see how a box with a 4 pixel rgb(255, 149, 65) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 149, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 149, 65);  
box-shadow:4px 4px 4px 4px rgb(255, 149,  
65) }
```

Background

The CSS property to change the background color of an element to YUV 171.1180, -52.3162, 73.5645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 149, 65) }
```

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

```
.background{ background-color: rgb(255,  
149, 65) }
```

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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