

Converting Colors

YUV(171.3530, -38.6280,
69.8504)

Have a look what the booklet for
YUV(171.3530, -38.6280, 69.8504)
contains.

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Color

**YUV(171.3530, -38.6280,
69.8504)**

Conversions

Conversions Part 1

Format	Color
Hex	FB925D
RGB	251, 146, 93
RGB Percent	98%, 57%, 36%
CMY	0.0157, 0.4275, 0.6353
CMYK	0.00, 0.42, 0.63, 0.02
HSL	20°, 95%, 67%
HSV	20°, 63%, 98%
XYZ	52.0383, 41.8573, 15.6925
YIQ	171.3530, 79.5930, 5.7770

Conversions

Conversions Part 2

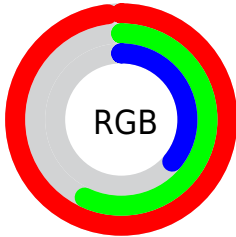
Format	Color
R_{YB}	251, 173, 93
Decimal	16487005
CIE Lab	70.77, 35.02, 44.75
CIE LCh	71, 56.823, 51.953
Yxy	41.8573, 0.4749, 0.3820
Android (android.graphics.Color)	4294677085 (0xFFFB925D)
YUV	171.3530, -38.6280, 69.8504
Hunter-Lab	64.6972, 30.3539, 30.9071

Details

The YUV color **171.3530, -38.6280, 69.8504** 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 **172.6470, 38.6280, -69.8504**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7620, -32.4207, 38.7967**, and **117.0040, -35.9910, 64.0175** is the 20% darker color. If you saturate the color by 10%, you get **158.5240, -44.6283, 81.1015**, and if you desaturate by 10%, it is **184.1820, -32.6277, 58.5994**.

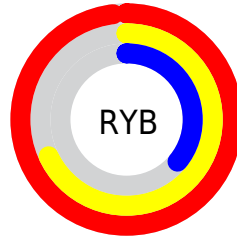
Distribution



Red (98%)

Green (57%)

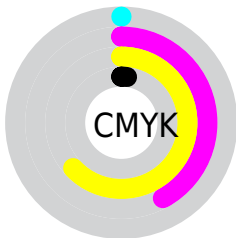
Blue (36%)



Red (98%)

Yellow (68%)

Blue (36%)

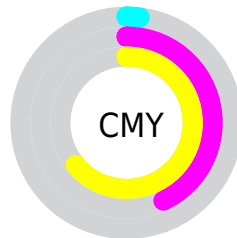


Cyan (0%)

Magenta (42%)

Yellow (63%)

Black (2%)



Cyan (2%)

Magenta (43%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.3530, -38.6280, 69.8504 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 171.3530, -38.6280, 69.8504 by changing the saturation by 10% instead.

171.3530,
-38.6280, 69.8504

171.3530,
-38.6280, 69.8504

255.0000, 0.0000,
0.0000

143.9720,
-37.4542, 66.6766

210.7620,
-32.4207, 38.7967

117.0040,
-35.9910, 64.0175

230.2760,
-28.7301, 21.6829

90.3240, -34.6697,
60.2289

248.6160,
-24.4607, 5.5988

64.6980, -31.8961,
57.2699

251.9220,
-11.7935, 2.6994

41.3520, -20.3865,
52.3113

21.5280, -10.6133,
44.2639

14.4660, -6.6387,

29.4093

■ 0.0000, 0.0000,
0.0000

■ 171.3530,
-38.6280, 69.8504

■ 171.3530,
-38.6280, 69.8504

■ 158.5240,
-44.6283, 81.1015

■ 184.1820,
-32.6277, 58.5994

■ 146.2820,
-50.9180, 91.8377

■ 196.4240,
-26.3380, 47.8632

■ 133.4530,
-56.9183, 103.0887

■ 209.2530,
-20.3377, 36.6121

■ 124.3570,
-61.3080, 111.0659

■ 222.0820,
-14.3374, 25.3611

■ 234.3240, -8.0477,
14.6249

247.2670, -1.6106,
3.2738

253.8040, 0.5896,
-2.4591

Harmonies

Analogous

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



168.1730, -15.3683, 76.1473



171.3530, -38.6280, 69.8504



168.9520, -50.7553, 39.5071

Triad

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



171.3530, -38.6280, 69.8504



134.1240, 11.2779, -117.6267



171.6720, 41.0807, -16.3753

Complementary

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



171.3530, -38.6280, 69.8504



172.6470, 38.6280, -69.8504

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.



136.4910, 58.4249, -119.7026



171.3530, -38.6280, 69.8504



140.7530, 34.1388, -123.4404

Square

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



171.3530, -38.6280, 69.8504



155.9870, -24.1506, -47.3466



142.8340, 54.8048, -125.2654



178.3370, 29.4139, 39.1695

Rectangle

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



171.3530, -38.6280, 69.8504



166.1400, -49.3690, 14.7862



142.8340, 54.8048, -125.2654



165.6150, 44.0668, -40.8814

Sweetspot

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



171.3530, -38.6280, 69.8504



230.7440, -11.7058, 21.2725



152.2120, 22.5735, 86.6371



112.8400, -7.3161, 13.2953



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.



171.3530, -38.6280, 69.8504



157.1610, -47.4074, 85.8048



217.7260, -61.4899, 29.1813



118.8220, -3.3632, 5.4181



93.4920, -46.0916, 83.7605



30.5660, -15.0690, 26.6906

Inverse Universe

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



172.6470, 38.6280, -69.8504



158.8390, 47.4074, -85.8048



126.2740, 61.4899, -29.1813



118.7650, 3.0739, -5.9329



94.9210, 46.3809, -83.2457



31.0210, 14.7796, -27.2054

Previews

White Background



This preview shows how the YUV color 171.3530, -38.6280, 69.8504 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 171.3530, -38.6280, 69.8504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

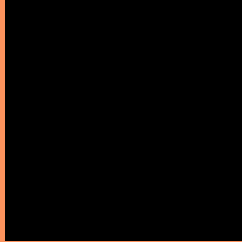
Any Text WCAG AA ✓ Pass

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 171.3530, -38.6280, 69.8504 Background



This preview shows how black text looks on a background with the YUV color 171.3530, -38.6280, 69.8504.



This preview shows how white text looks on a background with the YUV color 171.3530, -38.6280,

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

171.3530, -38.6280, 69.8504

Protanopia

170.6900, -33.3712, 16.9349

Deuteranopia

170.6880, -40.2722, 37.1076



Tritanopia

174.8240, -12.7312, 70.3144

Trichromacy



Original Color

171.3530, -38.6280, 69.8504

Protanomaly

170.9420, -35.4674, 36.0079

Deuteranomaly

170.8790, -39.8733, 49.2181

Tritanomaly

174.0060, -22.1880, 70.1547

Monochromacy



Original Color

171.3530, -38.6280, 69.8504

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

171.1960, -13.9006, 25.2611

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.3530, -38.6280, 69.8504 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(251, 146, 93)` looks like.

```
.text, #text, p{  
    color:rgb(251, 146, 93)  
}
```

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(251, 146, 93) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 146, 93) }
```

Border

The CSS property to change the border of an element to YUV 171.3530, -38.6280, 69.8504 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(251, 146, 93) }
```


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

```
.border{ border-color:rgb(251, 146, 93) }
```

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

Here you see how a box with a 4 pixel rgb(251, 146, 93) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 146, 93); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 146, 93);  
box-shadow:4px 4px 4px 4px rgb(251, 146,  
93) }
```

Background

The CSS property to change the background color of an element to YUV 171.3530, -38.6280, 69.8504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 146, 93) }
```

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

```
.background{ background-color: rgb(251,  
146, 93) }
```

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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