

Converting Colors

YUV(190.4130, -43.0946,
55.7658)

Have a look what the booklet for
YUV(190.4130, -43.0946, 55.7658)
contains.

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Color

**YUV(190.4130, -43.0946,
55.7658)**

Conversions

Conversions Part 1

Format	Color
Hex	FEAF67
RGB	254, 175, 103
RGB Percent	100%, 69%, 40%
CMY	0.0039, 0.3137, 0.5961
CMYK	0.00, 0.31, 0.59, 0.00
HSL	29°, 99%, 70%
HSV	29°, 59%, 100%
XYZ	58.6512, 52.7100, 19.9148
YIQ	190.4130, 70.1960, -5.6440

Conversions

Conversions Part 2

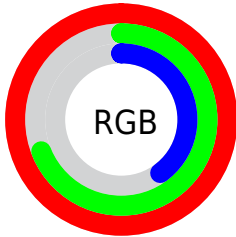
Format	Color
R_{YB}	254, 241, 103
Decimal	16691047
CIE _{Lab}	77.70, 21.79, 48.03
CIE _{LCh}	78, 52.740, 65.602
Yxy	52.7100, 0.4468, 0.4015
Android (android.graphics.Color)	4294881127 (0xFFFEAF67)
YUV	190.4130, -43.0946, 55.7658
Hunter-Lab	72.6017, 17.1481, 34.5578

Details

The YUV color **190.4130, -43.0946, 55.7658** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **166.5870, 43.0946, -55.7658**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.6260, -36.2976, 22.2530**, and **135.3630, -40.6050, 50.5476** is the 20% darker color. If you saturate the color by 10%, you get **179.9320, -50.2525, 64.9576**, and if you desaturate by 10%, it is **200.8940, -35.9367, 46.5740**.

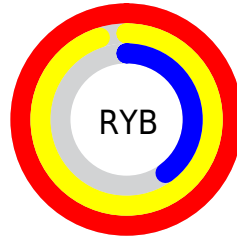
Distribution



Red (100%)

Green (69%)

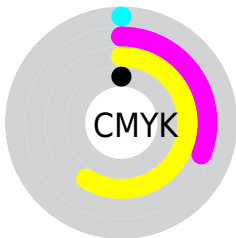
Blue (40%)



Red (100%)

Yellow (95%)

Blue (40%)

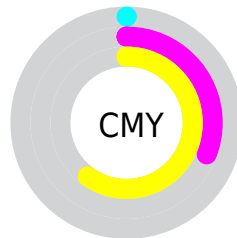


Cyan (0%)

Magenta (31%)

Yellow (59%)

Black (0%)



Cyan (0%)


Magenta (31%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the YUV color 190.4130, -43.0946, 55.7658 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 190.4130, -43.0946, 55.7658 by changing the saturation by 10% instead.


 190.4130,
-43.0946, 55.7658

 190.4130,
-43.0946, 55.7658

255.0000, 0.0000,
0.0000

 162.4450,
-41.6314, 53.1067


 229.6260,
-36.2976, 22.2530

 135.3630,
-40.6050, 50.5476


 246.7920,
-31.4495, 7.1984


 109.0530,
-40.4521, 48.1885

 249.9840,
-19.2191, 4.3990

 83.2160, -41.0255,
45.4146

 253.2900, -6.5520,
1.4997

 61.3430, -30.2421,
40.0412

 39.7580, -19.6007,
33.5382

 19.0700, -9.4015,

28.8796

■ 7.2900, -3.1010,
14.6547

■ 0.0000, 0.0000,
0.0000

■ 190.4130,
-43.0946, 55.7658

■ 190.4130,
-43.0946, 55.7658

■ 179.9320,
-50.2525, 64.9576

■ 200.8940,
-35.9367, 46.5740

■ 168.7500,
-57.5577, 74.7643

■ 212.0760,
-28.6315, 36.7673

■ 158.2690,
-64.7156, 83.9561

■ 222.5570,
-21.4736, 27.5755

■ 147.6740,
-72.3103, 93.2479

■ 233.1520,
-13.8789, 18.2837

146.9730,
-72.4577, 93.8627

243.6330, -6.7211,
9.0919

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.



185.3100, -23.3238, 61.1181



190.4130, -43.0946, 55.7658



186.8790, -46.7753, 22.9081

Triad

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



190.4130, -43.0946, 55.7658



150.1790, 24.5618, -131.7070



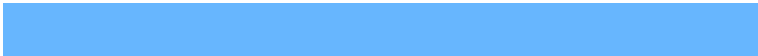
194.5740, 29.7900, 11.7746

Complementary

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



190.4130, -43.0946, 55.7658



166.5870, 43.0946, -55.7658

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.



180.9210, 36.5209, -47.2887



190.4130, -43.0946, 55.7658



154.4770, 46.1068, -135.4763

Square

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



190.4130, -43.0946, 55.7658



171.1230, -10.4136, -66.7599



151.1660, 51.1902, -132.5726



195.5530, 18.4614, 52.1350

Rectangle

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



190.4130, -43.0946, 55.7658



183.6090, -40.7262, -4.0421



151.1660, 51.1902, -132.5726



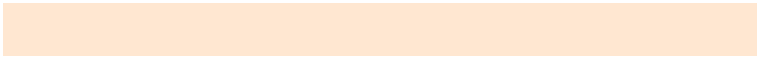
191.2190, 31.4440, -5.4541

Sweetspot

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



190.4130, -43.0946, 55.7658



235.6680, -13.1473, 16.9542



157.3830, 13.1222, 84.7331



115.8890, -8.3263, 10.6213



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.



190.4130, -43.0946, 55.7658



178.6010, -51.5683, 67.0019



233.8510, -64.5095, 17.6707



122.4090, -3.6526, 4.9033



110.5260, -54.4893, 70.5757



36.7460, -18.1158, 23.9018

Inverse Universe

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



166.5870, 43.0946, -55.7658



150.3990, 51.5683, -67.0019



123.1490, 64.5095, -17.6707



120.0040, 3.9420, -4.3885



80.4740, 54.4893, -70.5757



26.6670, 18.4052, -23.3870

Previews

White Background



This preview shows how the YUV color 190.4130, -43.0946, 55.7658 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 190.4130, -43.0946, 55.7658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

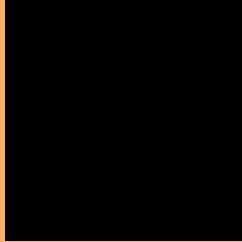
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 190.4130, -43.0946, 55.7658

Background



This preview shows how black text looks on a background with the YUV color 190.4130, -43.0946, 55.7658.



This preview shows how white text looks on a background with the YUV color 190.4130, -43.0946, 55.7658.

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

190.4130, -43.0946, 55.7658

Protanopia

188.8060, -39.3444, 19.4641

Deuteranopia

189.4990, -43.6300, 40.7814



Tritanopia

195.3810, -7.5828, 52.2859

Trichromacy



Original Color

190.4130, -43.0946, 55.7658

Protanomaly

189.2530, -40.5507, 33.1041

Deuteranomaly

189.9450, -43.3569, 46.5292

Tritanomaly

193.9500, -20.6813, 53.5409

Monochromacy



Original Color

190.4130, -43.0946, 55.7658

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.2940, -15.9209, 19.9132

CSS Examples

Text

The CSS property to change the color of the text to YUV 190.4130, -43.0946, 55.7658 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, 175, 103)` looks like.

```
.text, #text, p{  
    color:rgb(254, 175, 103)  
}
```

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, 175, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 175, 103) }
```

Border

The CSS property to change the border of an element to YUV 190.4130, -43.0946, 55.7658 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, 175, 103) }
```


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

```
.border{ border-color:rgb(254, 175, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 175, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 175, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 175, 103);  
box-shadow:4px 4px 4px 4px rgb(254, 175,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 190.4130, -43.0946, 55.7658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 175, 103) }
```

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

```
.background{ background-color: rgb(254,  
175, 103) }
```

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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