

Converting Colors

YUV(164.6220, -46.6486,
75.7535)

Have a look what the booklet for
YUV(164.6220, -46.6486, 75.7535)
contains.

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Color

**YUV(164.6220, -46.6486,
75.7535)**

Conversions

Conversions Part 1

Format	Color
Hex	FB8B46
RGB	251, 139, 70
RGB Percent	98%, 55%, 27%
CMY	0.0157, 0.4549, 0.7255
CMYK	0.00, 0.45, 0.72, 0.02
HSL	23°, 96%, 63%
HSV	23°, 72%, 98%
XYZ	50.1218, 39.4167, 10.7608
YIQ	164.6220, 88.9010, 2.2850

Conversions

Conversions Part 2

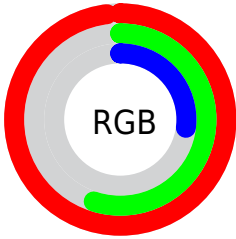
Format	Color
R _Y B	251, 182, 70
Decimal	16485190
CIE Lab	69.05, 37.35, 54.17
CIE LCh	69, 65.802, 55.415
Yxy	39.4167, 0.4997, 0.3930
Android (android.graphics.Color)	4294675270 (0xFFFB8B46)
YUV	164.6220, -46.6486, 75.7535
Hunter-Lab	62.7827, 32.6335, 33.7857

Details

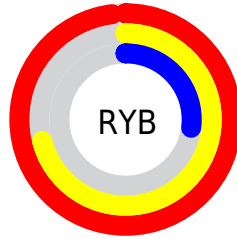
The YUV color **164.6220, -46.6486, 75.7535** is a light color, and the websafe version is hex **FF9966**. The color can be described as light washed orange. A complement of this color would be **156.3780, 46.6486, -75.7535**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.9170, -40.8781, 44.7998**, and **109.5180, -45.6114, 69.7057** is the 20% darker color. If you saturate the color by 10%, you get **152.3800, -52.9383, 86.4897**, and if you desaturate by 10%, it is **176.8640, -40.3590, 65.0173**.

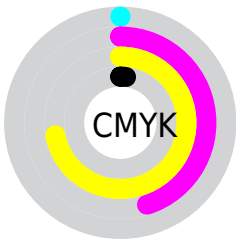
Distribution



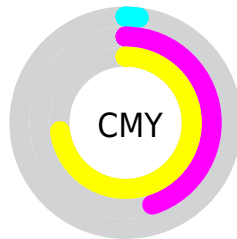
- Red (98%)
- Green (55%)
- Blue (27%)



- Red (98%)
- Yellow (71%)
- Blue (27%)



- Cyan (0%)
- Magenta (45%)
- Yellow (72%)
- Black (2%)



- Cyan (2%)
- Magenta (45%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.6220, -46.6486, 75.7535 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 164.6220, -46.6486, 75.7535 by changing the saturation by 10% instead.

164.6220,
-46.6486, 75.7535

164.6220,
-46.6486, 75.7535

255.0000, 0.0000,
0.0000

137.2410,
-45.4748, 72.5796

203.9170,
-40.8781, 44.7998

109.5180,
-45.6114, 69.7057

223.4310,
-37.1875, 27.6860

83.6360, -41.2325,
65.2172

243.5320,
-33.7863, 10.0574

59.9910, -29.5756,
59.6439

249.0720,
-22.7135, 5.1989

33.9980, -16.7610,
56.1298

252.3780,
-10.0464, 2.2995

20.6310, -10.1711,
42.4196

13.5690, -6.1965,

27.5650

■ 0.0000, 0.0000,
0.0000

■ 164.6220,
-46.6486, 75.7535

■ 164.6220,
-46.6486, 75.7535

■ 152.3800,
-52.9383, 86.4897

■ 176.8640,
-40.3590, 65.0173

■ 140.7250,
-59.5174, 96.7112


■ 188.5190,
-33.7799, 54.7958

■ 131.4010,
-64.7807, 104.8883

■ 200.7610,
-27.4902, 44.0596

■ 212.4160,
-20.9111, 33.8382

■ 224.7720,
-14.1846, 23.0020

 236.4270, -7.6055,
12.7805

 248.6690, -1.3158,
2.0443

 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.



158.7180, -18.5950, 84.4393



164.6220, -46.6486, 75.7535



161.0910, -61.6699, 40.2622

Triad

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



164.6220, -46.6486, 75.7535



132.9500, 11.8567, -116.5971



166.9760, 43.3958, -12.2570

Complementary

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



164.6220, -46.6486, 75.7535



156.3780, 46.6486, -75.7535

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.



133.5560, 59.8719, -117.1286



164.6220, -46.6486, 75.7535



140.4910, 38.2119, -123.2106

Square

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



164.6220, -46.6486, 75.7535



143.5070, -22.9280, -66.2196



141.1870, 56.1098, -123.8210



173.2830, 31.4125, 51.4948

Rectangle

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



164.6220, -46.6486, 75.7535



158.0010, -58.6675, 10.5231



141.1870, 56.1098, -123.8210



159.4130, 47.1244, -41.5812

Sweetspot

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



164.6220, -46.6486, 75.7535



228.0710, -14.3320, 23.6167



137.2290, 23.5511, 99.7772



111.7970, -8.7739, 14.2100



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.



164.6220, -46.6486, 75.7535



149.2730, -57.3226, 92.7226



216.2780, -72.1151, 30.4512



118.8220, -3.3632, 5.4181



98.7750, -48.6961, 79.1273



31.7400, -15.6478, 25.6610

Inverse Universe

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



156.3780, 46.6486, -75.7535



138.7270, 57.3226, -92.7226



104.7220, 72.1151, -30.4512



118.1780, 3.3632, -5.4181



90.2250, 48.6961, -79.1273



29.2600, 15.6478, -25.6610

Previews

White Background



This preview shows how the YUV color 164.6220, -46.6486, 75.7535 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 164.6220, -46.6486, 75.7535 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 164.6220, -46.6486, 75.7535

Background



This preview shows how black text looks on a background with the YUV color 164.6220, -46.6486, 75.7535.



This preview shows how white text looks on a background with the YUV color 164.6220, -46.6486,

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

164.6220, -46.6486, 75.7535

Protanopia

164.1220, -41.9651, 20.0640

Deuteranopia

164.8920, -49.7398, 40.4367



Tritanopia

169.2160, -13.9105, 75.2326

Trichromacy



Original Color

164.6220, -46.6486, 75.7535

Protanomaly

164.2000, -43.4826, 40.1666

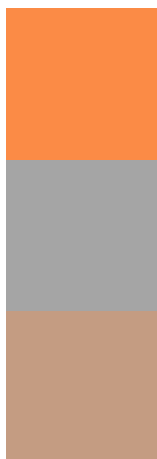
Deuteranomaly

164.9090, -48.7621, 53.5768

Tritanomaly

167.7140, -25.9880, 75.6728

Monochromacy



Original Color

164.6220, -46.6486, 75.7535

Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

164.9960, -17.2530, 27.1905

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.6220, -46.6486, 75.7535 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, 139, 70)` looks like.

```
.text, #text, p{  
    color:rgb(251, 139, 70)  
}
```

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, 139, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 139, 70) }
```

Border

The CSS property to change the border of an element to YUV 164.6220, -46.6486, 75.7535 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, 139, 70) }
```


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

```
.border{ border-color:rgb(251, 139, 70) }
```

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

Here you see how a box with a 4 pixel rgb(251, 139, 70) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 139, 70); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 139, 70);  
box-shadow:4px 4px 4px 4px rgb(251, 139,  
70) }
```

Background

The CSS property to change the background color of an element to YUV 164.6220, -46.6486, 75.7535 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 139, 70) }
```

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

```
.background{ background-color: rgb(251,  
139, 70) }
```

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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