

Converting Colors

YUV(194.3770, -31.7379,
53.1664)

Have a look what the booklet for
YUV(194.3770, -31.7379, 53.1664)
contains.

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Color

**YUV(194.3770, -31.7379,
53.1664)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB082
RGB	255, 176, 130
RGB Percent	100%, 69%, 51%
CMY	0.0000, 0.3098, 0.4902
CMYK	0.00, 0.31, 0.49, 0.00
HSL	22°, 100%, 75%
HSV	22°, 49%, 100%
XYZ	60.7946, 53.9224, 28.3229
YIQ	194.3770, 61.8500, 2.4420

Conversions

Conversions Part 2

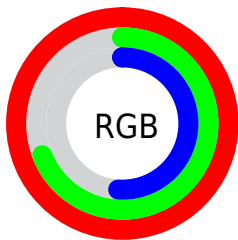
Format	Color
R _Y B	255, 203, 130
Decimal	16756866
CIE Lab	78.42, 23.84, 35.12
CIE LCh	78, 42.442, 55.833
Yxy	53.9224, 0.4250, 0.3770
Android (android.graphics.Color)	4294946946 (0xFFFFB082)
YUV	194.3770, -31.7379, 53.1664
Hunter-Lab	73.4319, 19.2753, 28.5339

Details

The YUV color **194.3770, -31.7379, 53.1664** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **190.6230, 31.7379, -53.1664**, and the grayscale version is **195.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.2910, -24.7935, 19.0388**, and **139.6260, -29.3956, 48.5630** is the 20% darker color. If you saturate the color by 10%, you get **182.1350, -38.0276, 63.9026**, and if you desaturate by 10%, it is **206.6190, -25.4482, 42.4301**.

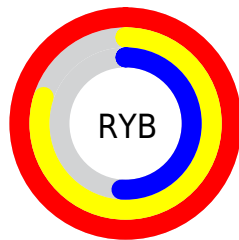
Distribution



Red (100%)

Green (69%)

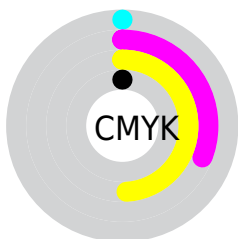
Blue (51%)



Red (100%)

Yellow (80%)

Blue (51%)

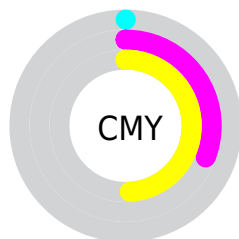


Cyan (0%)

Magenta (31%)

Yellow (49%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the YUV color 194.3770, -31.7379, 53.1664 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 194.3770, -31.7379, 53.1664 by changing the saturation by 10% instead.

194.3770,
-31.7379, 53.1664

194.3770,
-31.7379, 53.1664

255.0000, 0.0000,
0.0000

166.5940,
-30.8588, 51.2221

233.2910,
-24.7935, 19.0388

139.6260,
-29.3956, 48.5630

249.9840,
-19.2191, 4.3990

113.5440,
-28.3692, 46.0039

253.2900, -6.5520,
1.4997

88.4620, -27.3428,
43.4448

63.3800, -26.3163,
40.8857

41.2530, -20.3377,
36.6121

19.3800, -9.5543,

31.2387

■ 9.3830, -4.1328,
18.9581

■ 0.0000, 0.0000,
0.0000

■ 194.3770,
-31.7379, 53.1664

■ 194.3770,
-31.7379, 53.1664

■ 182.1350,
-38.0276, 63.9026

■ 206.6190,
-25.4482, 42.4301

■ 169.7790,
-44.7540, 74.7388

■ 218.9750,
-18.7217, 31.5939

■ 157.4230,
-51.4805, 85.5750

■ 231.3310,
-11.9952, 20.7577

■ 145.1810,
-57.7702, 96.3113

■ 243.5730, -5.7055,
10.0215

■ 132.2380, 255.0000, 0.0000,
-64.2073, 107.6623 0.0000

■ 131.4230,
-64.7915, 108.3770

Harmonies

Analogous

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



191.5680, -14.5770, 55.6299



194.3770, -31.7379, 53.1664



191.9150, -37.9191, 29.0155

Triad

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



194.3770, -31.7379, 53.1664



172.6390, 7.0800, -77.7364



195.0620, 29.5494, -4.4394

Complementary

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



194.3770, -31.7379, 53.1664



190.6230, 31.7379, -53.1664

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.



184.1440, 34.9320, -50.9923



194.3770, -31.7379, 53.1664



153.8880, 36.0442, -127.9438

Square

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



194.3770, -31.7379, 53.1664



181.4040, -16.4682, -38.0653



166.4040, 43.6778, -102.9633



199.3720, 19.5366, 33.8768

Rectangle

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



194.3770, -31.7379, 53.1664



189.0650, -35.5280, 8.7130



166.4040, 43.6778, -102.9633



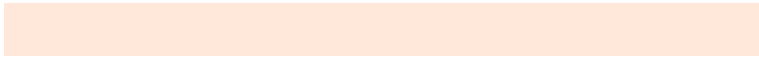
192.3160, 30.9032, -18.6941

Sweetspot

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



194.3770, -31.7379, 53.1664



236.5800, -9.6529, 16.1543



176.3810, 16.0812, 68.9489



116.5730, -5.7055, 10.0215



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.



194.3770, -31.7379, 53.1664



182.1350, -38.0276, 63.9026



230.7710, -49.6801, 21.2488



121.2350, -3.0739, 5.9329



98.1990, -48.4121, 81.3865



32.6370, -16.0900, 27.5054

Inverse Universe

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



190.6230, 31.7379, -53.1664



177.8650, 38.0276, -63.9026



154.2290, 49.6801, -21.2488



121.1780, 3.3632, -5.4181



92.8010, 48.4121, -81.3865



30.7760, 16.3794, -26.9906

Previews

White Background



This preview shows how the YUV color 194.3770, -31.7379, 53.1664 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 194.3770, -31.7379, 53.1664 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

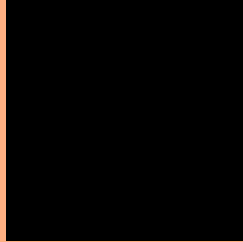
Any Text WCAG AA ✓ Pass

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 194.3770, -31.7379, 53.1664 Background



This preview shows how black text looks on a background with the YUV color 194.3770, -31.7379, 53.1664.



This preview shows how white text looks on a background with the YUV color 194.3770, -31.7379, 53.1664.

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

194.3770, -31.7379, 53.1664

Protanopia

192.4000, -26.8192, 15.4352

Deuteranopia

193.4410, -32.2624, 34.6932



Tritanopia

197.4840, -7.1406, 50.4415

Trichromacy



Original Color

194.3770, -31.7379, 53.1664

Protanomaly

192.7330, -28.4624, 29.1752

Deuteranomaly

193.5990, -31.8473, 41.5707

Tritanomaly

196.4920, -16.0186, 51.3115

Monochromacy



Original Color

194.3770, -31.7379, 53.1664

Achromatopsia

194.0000, 0.0000, 0.0000

Achromatomaly

193.8470, -11.2636, 19.4282

CSS Examples

Text

The CSS property to change the color of the text to YUV 194.3770, -31.7379, 53.1664 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, 176, 130)` looks like.

```
.text, #text, p{  
    color:rgb(255, 176, 130)  
}
```

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, 176, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 176, 130) }
```

Border

The CSS property to change the border of an element to YUV 194.3770, -31.7379, 53.1664 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, 176, 130) }
```


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

```
.border{ border-color:rgb(255, 176, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 176, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 176, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 176, 130);  
box-shadow:4px 4px 4px 4px rgb(255, 176,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 194.3770, -31.7379, 53.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 176, 130) }
```

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

```
.background{ background-color: rgb(255,  
176, 130) }
```

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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