

Converting Colors

YUV(185.8340, -31.4702,
60.6586)

Have a look what the booklet for
YUV(185.8340, -31.4702, 60.6586)
contains.

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Color

**YUV(185.8340, -31.4702,
60.6586)**

Conversions

Conversions Part 1

Format	Color
Hex	FFA37A
RGB	255, 163, 122
RGB Percent	100%, 64%, 48%
CMY	0.0000, 0.3608, 0.5216
CMYK	0.00, 0.36, 0.52, 0.00
HSL	18°, 100%, 74%
HSV	18°, 52%, 100%
XYZ	57.8500, 48.8595, 24.7942
YIQ	185.8340, 67.9930, 6.7530

Conversions

Conversions Part 2

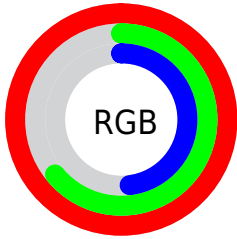
Format	Color
R _Y B	255, 181, 122
Decimal	16753530
CIE Lab	75.36, 29.92, 35.39
CIE LCh	75, 46.347, 49.787
Yxy	48.8595, 0.4399, 0.3715
Android (android.graphics.Color)	4294943610 (0xFFFFA37A)
YUV	185.8340, -31.4702, 60.6586
Hunter-Lab	69.8996, 25.4052, 27.8989

Details

The YUV color **185.8340, -31.4702, 60.6586** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **191.1660, 31.4702, -60.6586**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **224.1610, -24.2364, 27.0458**, and **131.0830, -29.1279, 56.0552** is the 20% darker color. If you saturate the color by 10%, you get **172.4180, -37.1811, 72.4244**, and if you desaturate by 10%, it is **199.3640, -25.3225, 48.7928**.

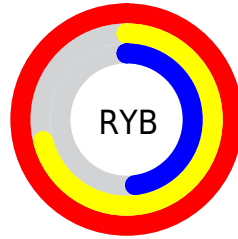
Distribution



Red (100%)

Green (64%)

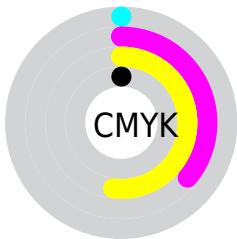
Blue (48%)



Red (100%)

Yellow (71%)

Blue (48%)

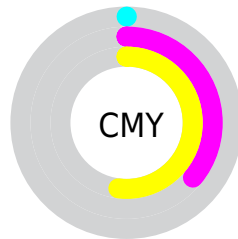


Cyan (0%)

Magenta (36%)

Yellow (52%)

Black (0%)



Cyan (0%)

Magenta (36%)

Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.8340, -31.4702, 60.6586 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 185.8340, -31.4702, 60.6586 by changing the saturation by 10% instead.

185.8340,
-31.4702, 60.6586

185.8340,
-31.4702, 60.6586

255.0000, 0.0000,
0.0000

158.1650,
-30.1543, 58.6143

224.1610,
-24.2364, 27.0458

131.0830,
-29.1279, 56.0552

244.3760,
-20.3984, 9.3172

104.8160,
-27.5173, 52.7814

252.2640,
-10.4832, 2.3995

79.4350, -26.3435,
49.6075

54.2390, -25.7538,
47.1484

31.5510, -15.5546,
42.4898

15.8470, -7.8126,

32.5832

■ 6.5780, -3.2430,
13.5251

■ 0.0000, 0.0000,
0.0000

■ 185.8340,
-31.4702, 60.6586

■ 185.8340,
-31.4702, 60.6586

■ 172.4180,
-37.1811, 72.4244

■ 199.3640,
-25.3225, 48.7928

■ 159.4750,
-43.6182, 83.7754

■ 212.1930,
-19.3221, 37.5417

■ 146.0590,
-49.3291, 95.5413

■ 225.7230,
-13.1744, 25.6759

■ 132.5290,
-55.4768, 107.4071

■ 239.1390, -7.4635,
13.9101

122.6180,
-60.4507, 116.0990

252.0820, -1.0264,
2.5591

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.



183.5950, -12.1253, 62.6222



185.8340, -31.4702, 60.6586



183.2750, -40.5616, 36.5928

Triad

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



185.8340, -31.4702, 60.6586



162.0040, 3.4490, -79.8105



184.6630, 34.6761, -15.4905

Complementary

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



185.8340, -31.4702, 60.6586



191.1660, 31.4702, -60.6586

Split Complementary

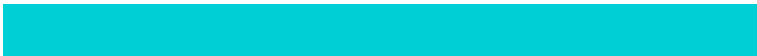
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



168.6620, 42.5646, -72.4946



185.8340, -31.4702, 60.6586



146.3780, 32.8446, -128.3735

Square

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



185.8340, -31.4702, 60.6586



173.6450, -22.0100, -33.8917



148.2480, 50.1637, -130.0135



191.0170, 24.6416, 29.8031

Rectangle

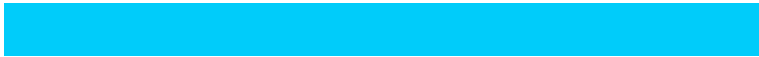
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



185.8340, -31.4702, 60.6586



181.1430, -40.4965, 15.6606



148.2480, 50.1637, -130.0135



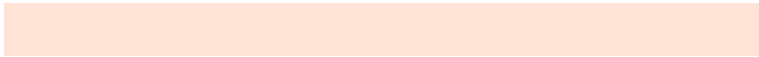
180.4220, 36.7670, -32.8191

Sweetspot

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



185.8340, -31.4702, 60.6586



233.8900, -9.8058, 18.5135



172.3690, 21.0171, 72.4674



115.1710, -6.0003, 11.2510



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.



185.8340, -31.4702, 60.6586



171.4890, -38.2021, 73.2391



223.9890, -50.2806, 27.1966



121.2350, -3.0739, 5.9329



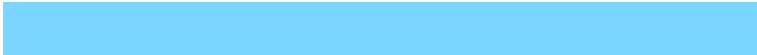
91.7420, -45.2288, 87.0493



30.8760, -15.2219, 29.0497

Inverse Universe

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



191.1660, 31.4702, -60.6586



177.5110, 38.2021, -73.2391



153.0110, 50.2806, -27.1966



121.7650, 3.0739, -5.9329



99.2580, 45.2288, -87.0493



33.1240, 15.2219, -29.0497

Previews

White Background



This preview shows how the YUV color 185.8340, -31.4702, 60.6586 looks on a white background.

Color Contrast Check

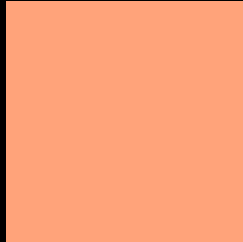
Large Text (above 18pt) WCAG AA × Fail

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 185.8340, -31.4702, 60.6586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

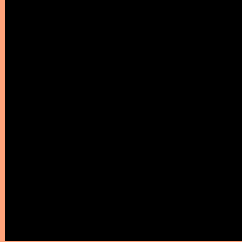
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.8340, -31.4702, 60.6586

Background



This preview shows how black text looks on a background with the YUV color 185.8340, -31.4702, 60.6586.



This preview shows how white text looks on a background with the YUV color 185.8340, -31.4702, 60.6586.

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

185.8340, -31.4702, 60.6586

Protanopia

184.2150, -26.2350, 14.7204

Deuteranopia

185.0280, -32.5518, 34.1784



Tritanopia

188.9580, -9.3463, 57.9188

Trichromacy



Original Color

185.8340, -31.4702, 60.6586

Protanomaly

185.1570, -28.1784, 31.4343

Deuteranomaly

185.4960, -32.2895, 43.4150

Tritanomaly

187.6070, -17.0613, 59.1037

Monochromacy



Original Color

185.8340, -31.4702, 60.6586

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.1570, -11.4164, 21.7873

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.8340, -31.4702, 60.6586 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, 163, 122)` looks like.

```
.text, #text, p{  
    color:rgb(255, 163, 122)  
}
```

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, 163, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 163, 122) }
```

Border

The CSS property to change the border of an element to YUV 185.8340, -31.4702, 60.6586 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, 163, 122) }
```


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

```
.border{ border-color:rgb(255, 163, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 163, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 163, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 163, 122);  
box-shadow:4px 4px 4px 4px rgb(255, 163,  
122) }
```

Background

The CSS property to change the background color of an element to YUV 185.8340, -31.4702, 60.6586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 163, 122) }
```

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

```
.background{ background-color: rgb(255,  
163, 122) }
```

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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