

Converting Colors

YUV(191.1000, -31.6013,
56.0403)

Have a look what the booklet for
YUV(191.1000, -31.6013, 56.0403)
contains.

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Color

**YUV(191.1000, -31.6013,
56.0403)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAB7F
RGB	255, 171, 127
RGB Percent	100%, 67%, 50%
CMY	0.0000, 0.3294, 0.5020
CMYK	0.00, 0.33, 0.50, 0.00
HSL	21°, 100%, 75%
HSV	21°, 50%, 100%
XYZ	59.6337, 51.9181, 26.9568
YIQ	191.1000, 64.1880, 4.1240

Conversions

Conversions Part 2

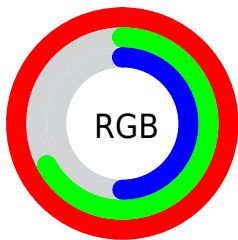
Format	Color
R_{YB}	255, 194, 127
Decimal	16755583
CIE _{Lab}	77.23, 26.18, 35.16
CIE _{LCh}	77, 43.838, 53.328
Yxy	51.9181, 0.4305, 0.3748
Android (android.graphics.Color)	4294945663 (0xFFFFAB7F)
YUV	191.1000, -31.6013, 56.0403
Hunter-Lab	72.0542, 21.6356, 28.2565

Details

The YUV color **191.1000, -31.6013, 56.0403** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **190.9000, 31.6013, -56.0403**, and the grayscale version is **191.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **230.0140, -24.6569, 21.9127**, and **136.3490, -29.2591, 51.4369** is the 20% darker color. If you saturate the color by 10%, you get **178.2710, -37.6016, 67.2913**, and if you desaturate by 10%, it is **204.0430, -25.1642, 44.6893**.

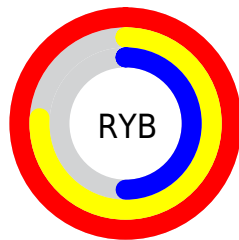
Distribution



Red (100%)

Green (67%)

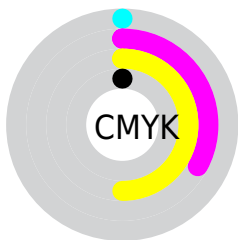
Blue (50%)



Red (100%)

Yellow (76%)

Blue (50%)

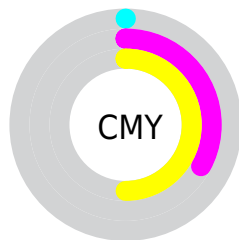


Cyan (0%)

Magenta (33%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (33%)

Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the YUV color 191.1000, -31.6013, 56.0403 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 191.1000, -31.6013, 56.0403 by changing the saturation by 10% instead.

191.1000,
-31.6013, 56.0403

191.1000,
-31.6013, 56.0403

255.0000, 0.0000,
0.0000

163.4310,
-30.2855, 53.9960

230.0140,
-24.6569, 21.9127

136.3490,
-29.2591, 51.4369

249.6420,
-20.5295, 4.6990

110.2670,
-28.2326, 48.8778

252.8340, -8.2992,
1.8996

85.0000, -26.6220,
45.6040

59.8040, -26.0324,
43.1449

37.4320, -18.4540,
39.0861

16.7330, -8.2494,

32.6832

■ 8.1870, -3.5432,
16.4990

■ 0.0000, 0.0000,
0.0000

■ 191.1000,
-31.6013, 56.0403

■ 191.1000,
-31.6013, 56.0403

■ 178.2710,
-37.6016, 67.2913

■ 204.0430,
-25.1642, 44.6893

■ 165.9150,
-44.3281, 78.1275

■ 216.2850,
-18.8745, 33.9531

■ 153.0860,
-50.3284, 89.3786

■ 229.2280,
-12.4374, 22.6020

■ 140.1430,
-56.7655, 100.7296

■ 242.0570, -6.4371,
11.3510

■ 127.9010,
-63.0552, 111.4658

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.



188.5190, -13.5669, 58.3038



191.1000, -31.6013, 56.0403



188.2960, -39.0929, 32.1894

Triad

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



191.1000, -31.6013, 56.0403



168.8840, 5.4802, -77.9513



191.4960, 31.3075, -8.3280

Complementary

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



191.1000, -31.6013, 56.0403



190.9000, 31.6013, -56.0403

Split Complementary

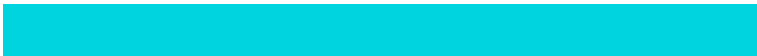
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



178.7840, 37.5745, -58.5696



191.1000, -31.6013, 56.0403



149.7520, 35.6183, -131.3325

Square

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



191.1000, -31.6013, 56.0403



178.5460, -18.5102, -36.4358



150.5790, 51.4796, -132.0578



196.2300, 21.5786, 32.2473

Rectangle

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



191.1000, -31.6013, 56.0403



185.9190, -37.4281, 11.4720



150.5790, 51.4796, -132.0578



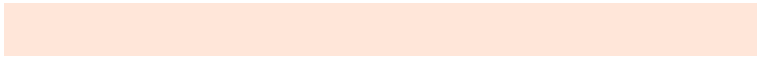
187.8530, 33.1035, -24.4271

Sweetspot

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



191.1000, -31.6013, 56.0403



235.9930, -9.3635, 16.6691



174.9620, 18.2597, 70.1933



115.9860, -5.4161, 10.5363



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.



191.1000, -31.6013, 56.0403



178.8580, -37.8910, 66.7765



228.0810, -49.8329, 23.6080



121.2350, -3.0739, 5.9329



95.8510, -47.2545, 83.4457



32.0500, -15.8006, 28.0202

Inverse Universe

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



190.9000, 31.6013, -56.0403



178.1420, 37.8910, -66.7765



153.9190, 49.8329, -23.6080



121.1780, 3.3632, -5.4181



95.7360, 46.9652, -83.9605



31.9500, 15.8006, -28.0202

Previews

White Background



This preview shows how the YUV color 191.1000, -31.6013, 56.0403 looks on a white background.

Color Contrast Check

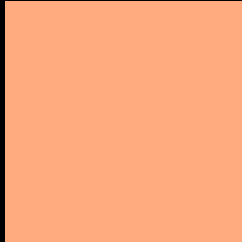
Large Text (above 18pt) WCAG AA × Fail

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 191.1000, -31.6013, 56.0403 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 191.1000, -31.6013, 56.0403

Background



This preview shows how black text looks on a background with the YUV color 191.1000, -31.6013, 56.0403.



This preview shows how white text looks on a background with the YUV color 191.1000, -31.6013,

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

191.1000, -31.6013, 56.0403

Protanopia

189.1010, -26.6718, 14.8204

Deuteranopia

190.4410, -32.2624, 34.6932



Tritanopia

193.9790, -7.8776, 53.5154

Trichromacy



Original Color

191.1000, -31.6013, 56.0403

Protanomaly

190.0320, -28.6098, 29.7899

Deuteranomaly

190.8980, -31.9947, 42.1855

Tritanomaly

192.9870, -16.7556, 54.3854

Monochromacy



Original Color

191.1000, -31.6013, 56.0403

Achromatopsia

191.0000, 0.0000, 0.0000

Achromatomaly

191.1460, -11.4110, 20.0430

CSS Examples

Text

The CSS property to change the color of the text to YUV 191.1000, -31.6013, 56.0403 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, 171, 127)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 127)  
}
```

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, 171, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 127) }
```

Border

The CSS property to change the border of an element to YUV 191.1000, -31.6013, 56.0403 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, 171, 127) }
```


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

```
.border{ border-color:rgb(255, 171, 127) }
```

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

Here you see how a box with a 4 pixel rgb(255, 171, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 127);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
127) }
```

Background

The CSS property to change the background color of an element to YUV 191.1000, -31.6013, 56.0403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 127) }
```

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

```
.background{ background-color: rgb(255,  
171, 127) }
```

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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