

Converting Colors

YUV(181.9700, -31.0442,
64.0473)

Have a look what the booklet for
YUV(181.9700, -31.0442, 64.0473)
contains.

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Color

**YUV(181.9700, -31.0442,
64.0473)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9D77
RGB	255, 157, 119
RGB Percent	100%, 62%, 47%
CMY	0.0000, 0.3843, 0.5333
CMYK	0.00, 0.38, 0.53, 0.00
HSL	17°, 100%, 73%
HSV	17°, 53%, 100%
XYZ	56.6267, 46.7059, 23.4833
YIQ	181.9700, 70.6060, 8.9580

Conversions

Conversions Part 2

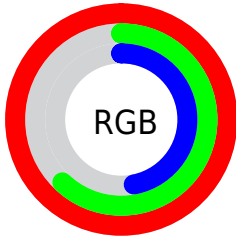
Format	Color
R_{YB}	255, 172, 119
Decimal	16751991
CIE _{Lab}	74.00, 32.79, 35.23
CIE _{LCh}	74, 48.131, 47.060
Yxy	46.7059, 0.4465, 0.3683
Android (android.graphics.Color)	4294942071 (0xFFFF9D77)
YUV	181.9700, -31.0442, 64.0473
Hunter-Lab	68.3417, 28.3041, 27.4661

Details

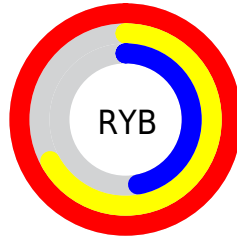
The YUV color **181.9700, -31.0442, 64.0473** is a light color, and the websafe version is hex **FF9966**. A complement of this color would be **192.0300, 31.0442, -64.0473**, and the grayscale version is **182.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.2970, -23.8104, 30.4345**, and **127.6210, -28.4072, 58.2144** is the 20% darker color. If you saturate the color by 10%, you get **168.5540, -36.7551, 75.8131**, and if you desaturate by 10%, it is **195.5000, -24.8965, 52.1815**.

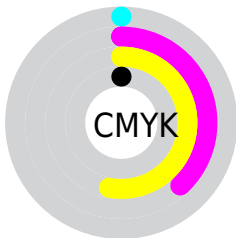
Distribution



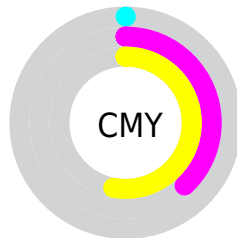
- Red (100%)
- Green (62%)
- Blue (47%)



- Red (100%)
- Yellow (67%)
- Blue (47%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)
- Black (0%)



- Cyan (0%)
- Magenta (38%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the YUV color 181.9700, -31.0442, 64.0473 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 181.9700, -31.0442, 64.0473 by changing the saturation by 10% instead.

181.9700,
-31.0442, 64.0473

181.9700,
-31.0442, 64.0473

255.0000, 0.0000,
0.0000

154.0020,
-29.5810, 61.3882

220.2970,
-23.8104, 30.4345

127.6210,
-28.4072, 58.2144

240.3980,
-20.4092, 12.8060

101.0660,
-26.6545, 56.0701

251.8080,
-12.2303, 2.7994

75.6850, -25.4807,
52.8963

50.1900, -24.7437,
49.8224

25.9690, -12.8027,
46.5082

15.5480, -7.6652,

31.9684

■ 5.0830, -2.5059,
10.4512

■ 0.0000, 0.0000,
0.0000

■ 181.9700,
-31.0442, 64.0473

■ 181.9700,
-31.0442, 64.0473

■ 168.5540,
-36.7551, 75.8131

■ 195.5000,
-24.8965, 52.1815

■ 154.4370,
-42.6134, 88.1938

■ 209.5030,
-19.4750, 39.9009

■ 140.9070,
-48.7612, 100.0596

■ 222.9190,
-13.7641, 28.1350

■ 127.4910,
-54.4721, 111.8254

■ 237.0360, -7.9057,
15.7544

■ 117.9220,
-58.1355, 120.2174

■ 250.5660, -1.7580,
3.8886

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.



180.5460, -11.1152, 65.2962



181.9700, -31.0442, 64.0473



179.9550, -41.8828, 40.3815

Triad

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



181.9700, -31.0442, 64.0473



157.8360, 1.5599, -80.5402



180.2000, 36.8764, -21.2234

Complementary

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



181.9700, -31.0442, 64.0473



192.0300, 31.0442, -64.0473

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.



159.4150, 47.1234, -88.0640



181.9700, -31.0442, 64.0473



143.8190, 30.6552, -126.1293

Square

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



181.9700, -31.0442, 64.0473



169.9720, -24.6362, -31.5474



145.9170, 48.8479, -127.9692



187.3910, 27.4152, 26.8441

Rectangle

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



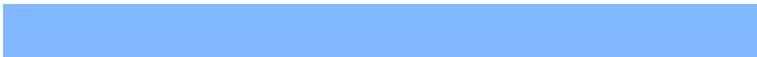
181.9700, -31.0442, 64.0473



177.4100, -42.1071, 18.9344



145.9170, 48.8479, -127.9692



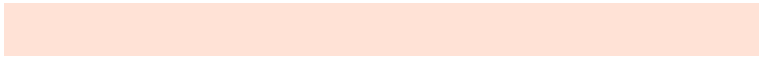
175.0620, 39.4094, -40.3964

Sweetspot

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



181.9700, -31.0442, 64.0473



233.3030, -9.5164, 19.0283



171.0640, 23.6324, 73.6119



114.5840, -5.7109, 11.7658



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.



181.9700, -31.0442, 64.0473



167.1520, -37.0499, 77.0427



220.7120, -50.1440, 30.0706



120.6480, -2.7845, 6.4477



88.2200, -43.4925, 90.1381



29.7020, -14.6431, 30.0793

Inverse Universe

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



192.0300, 31.0442, -64.0473



179.2610, 37.3393, -76.5279



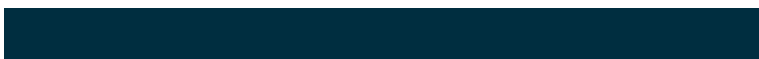
153.2880, 50.1440, -30.0706



121.7650, 3.0739, -5.9329



102.7800, 43.4925, -90.1381



34.2980, 14.6431, -30.0793

Previews

White Background



This preview shows how the YUV color 181.9700, -31.0442, 64.0473 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 181.9700, -31.0442, 64.0473 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 181.9700, -31.0442, 64.0473

Background



This preview shows how black text looks on a background with the YUV color 181.9700, -31.0442, 64.0473.



This preview shows how white text looks on a background with the YUV color 181.9700, -31.0442, 64.0473.

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

181.9700, -31.0442, 64.0473

Protanopia

180.4430, -25.3614, 14.5205

Deuteranopia

181.1420, -32.1150, 34.0785



Tritanopia

184.6380, -10.6675, 61.7075

Trichromacy



Original Color

181.9700, -31.0442, 64.0473

Protanomaly

180.9830, -27.5996, 32.4639

Deuteranomaly

181.6210, -31.8582, 45.0594

Tritanomaly

183.4010, -17.9457, 62.7923

Monochromacy



Original Color

181.9700, -31.0442, 64.0473

Achromatopsia

182.0000, 0.0000, 0.0000

Achromatomaly

182.1680, -11.4218, 23.5317

CSS Examples

Text

The CSS property to change the color of the text to YUV 181.9700, -31.0442, 64.0473 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, 157, 119)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 119)  
}
```

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, 157, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 119) }
```

Border

The CSS property to change the border of an element to YUV 181.9700, -31.0442, 64.0473 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, 157, 119) }
```


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

```
.border{ border-color:rgb(255, 157, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 157, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 157, 119); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 157, 119); box-shadow:4px 4px 4px 4px rgb(255, 157, 119) }
```

Background

The CSS property to change the background color of an element to YUV 181.9700, -31.0442, 64.0473 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 119) }
```

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

```
.background{ background-color: rgb(255,  
157, 119) }
```

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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