

Converting Colors

YUV(189.7680, -31.4376,
50.1925)

Have a look what the booklet for
YUV(189.7680, -31.4376, 50.1925)
contains.

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Color

**YUV(189.7680, -31.4376,
50.1925)**

Conversions

Conversions Part 1

Format	Color
Hex	F7AD7E
RGB	247, 173, 126
RGB Percent	97%, 68%, 49%
CMY	0.0314, 0.3216, 0.5059
CMYK	0.00, 0.30, 0.49, 0.03
HSL	23°, 88%, 73%
HSV	23°, 49%, 97%
XYZ	57.0672, 51.1677, 26.6072
YIQ	189.7680, 59.1910, 1.0710

Conversions

Conversions Part 2

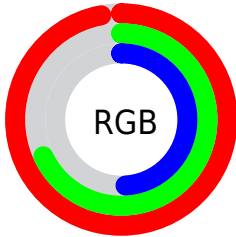
Format	Color
R _Y B	247, 203, 126
Decimal	16231806
CIE Lab	76.78, 21.90, 34.93
CIE LCh	77, 41.224, 57.916
Yxy	51.1677, 0.4232, 0.3795
Android (android.graphics.Color)	4294421886 (0xFFFF7AD7E)
YUV	189.7680, -31.4376, 50.1925
Hunter-Lab	71.5316, 17.2254, 28.0183

Details

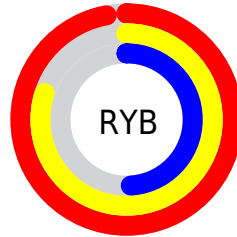
The YUV color **189.7680, -31.4376, 50.1925** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **183.2320, 31.4376, -50.1925**, and the grayscale version is **190.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **231.0740, -25.6725, 20.9831**, and **135.3160, -29.2428, 46.2039** is the 20% darker color. If you saturate the color by 10%, you get **178.1130, -38.0167, 60.4139**, and if you desaturate by 10%, it is **201.4230, -24.8585, 39.9710**.

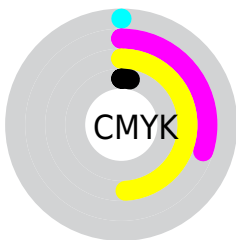
Distribution



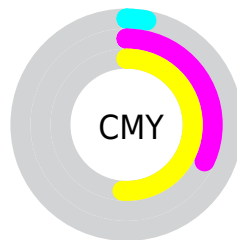
- Red (97%)
- Green (68%)
- Blue (49%)



- Red (97%)
- Yellow (80%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (49%)
- Black (3%)



- Cyan (3%)
- Magenta (32%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.7680, -31.4376, 50.1925 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 189.7680, -31.4376, 50.1925 by changing the saturation by 10% instead.

189.7680,
-31.4376, 50.1925

189.7680,
-31.4376, 50.1925

255.0000, 0.0000,
0.0000

162.0990,
-30.1218, 48.1482

231.0740,
-25.6725, 20.9831

135.3160,
-29.2428, 46.2039

249.5280,
-20.9663, 4.7989

109.2340,
-28.2164, 43.6448

252.7200, -8.7360,
1.9996

84.2660, -26.7531,
40.9857

59.6570, -26.4529,
38.0118

37.9860, -18.7271,
33.3383

16.9990, -8.3805,

28.0649

■ 5.6810, -2.8007,
11.6808

■ 0.0000, 0.0000,
0.0000

■ 189.7680,
-31.4376, 50.1925

■ 189.7680,
-31.4376, 50.1925

■ 178.1130,
-38.0167, 60.4139

■ 201.4230,
-24.8585, 39.9710

■ 166.5720,
-44.1590, 70.5354

■ 212.9640,
-18.7163, 29.8496

■ 154.9170,
-50.7381, 80.7568

■ 224.6190,
-12.1372, 19.6281

■ 143.2620,
-57.3172, 90.9782

■ 236.2740, -5.5581,
9.4067

■ 131.0200,
-63.6069, 101.7145

■ 248.5160, 0.7316,
-1.3295

■ 130.2050,
-64.1911, 102.4292

■ 252.6080, 1.1793,
-4.9182

Harmonies

Analogous

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



189.1230, -16.3296, 57.7741



189.7680, -31.4376, 50.1925



186.9470, -36.4559, 26.3565

Triad

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



189.7680, -31.4376, 50.1925



168.2800, 8.2430, -77.4216



192.1270, 30.9964, -1.8654

Complementary

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



189.7680, -31.4376, 50.1925



183.2320, 31.4376, -50.1925

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.



181.5190, 36.2261, -46.0592



189.7680, -31.4376, 50.1925



153.6010, 34.7067, -118.9221

Square

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



189.7680, -31.4376, 50.1925



177.5610, -14.5736, -39.0800



165.9320, 42.9245, -94.6564



194.6280, 17.9314, 35.4062

Rectangle

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



189.7680, -31.4376, 50.1925



184.5100, -33.7754, 6.5687



165.9320, 42.9245, -94.6564



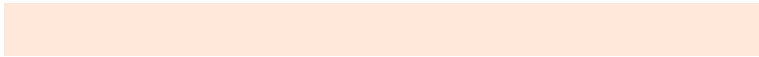
188.7940, 32.6396, -15.6053

Sweetspot

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



189.7680, -31.4376, 50.1925



237.1670, -9.9423, 15.6395



170.7290, 14.9236, 66.8897



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.



189.7680, -31.4376, 50.1925



183.8960, -38.8957, 62.3582



224.9880, -48.8011, 19.3045



116.5230, -3.2158, 4.8033



97.8780, -48.2539, 77.2830



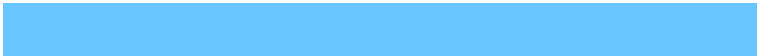
31.1420, -15.3530, 24.4315

Inverse Universe

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



183.2320, 31.4376, -50.1925



176.1040, 38.8957, -62.3582



148.0120, 48.8011, -19.3045



116.0640, 2.9264, -5.3181



88.1220, 48.2539, -77.2830



27.8580, 15.3530, -24.4315

Previews

White Background



This preview shows how the YUV color 189.7680, -31.4376, 50.1925 looks on a white background.

Color Contrast Check

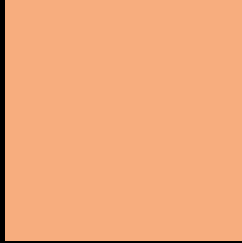
Large Text (above 18pt) WCAG AA × Fail

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 189.7680, -31.4376, 50.1925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

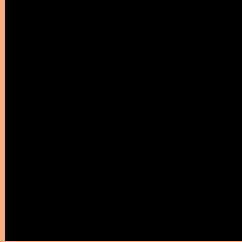
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.7680, -31.4376, 50.1925

Background



This preview shows how black text looks on a background with the YUV color 189.7680, -31.4376, 50.1925.



This preview shows how white text looks on a background with the YUV color 189.7680, -31.4376, 50.1925.

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

189.7680, -31.4376, 50.1925

Protanopia

187.9870, -27.1086, 14.9204

Deuteranopia

189.1420, -32.1150, 34.0785



Tritanopia

192.8970, -6.8512, 50.9563

Trichromacy



Original Color

189.7680, -31.4376, 50.1925

Protanomaly

188.6080, -28.8937, 27.5308

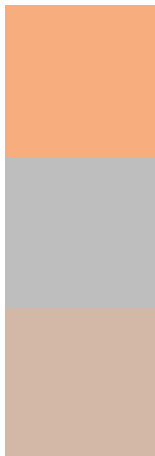
Deuteranomaly

189.5880, -31.8419, 39.8263

Tritanomaly

192.1930, -15.8711, 50.6967

Monochromacy



Original Color

189.7680, -31.4376, 50.1925

Achromatopsia

190.0000, 0.0000, 0.0000

Achromatomaly

190.1350, -11.4056, 18.2986

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.7680, -31.4376, 50.1925 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(247, 173, 126)` looks like.

```
.text, #text, p{  
    color:rgb(247, 173, 126)  
}
```

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(247, 173, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 126) }
```

Border

The CSS property to change the border of an element to YUV 189.7680, -31.4376, 50.1925 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(247, 173, 126) }
```


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

```
.border{ border-color:rgb(247, 173, 126) }
```

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

Here you see how a box with a 4 pixel rgb(247, 173, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 126);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
126) }
```

Background

The CSS property to change the background color of an element to YUV 189.7680, -31.4376, 50.1925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 173, 126) }
```

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

```
.background{ background-color: rgb(247,  
173, 126) }
```

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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