

Converting Colors

YUV(196.3780, -16.4554,
51.4115)

Have a look what the booklet for
YUV(196.3780, -16.4554, 51.4115)
contains.

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Color

**YUV(196.3780, -16.4554,
51.4115)**

Conversions

Conversions Part 1

Format	Color
Hex	FFADA3
RGB	255, 173, 163
RGB Percent	100%, 68%, 64%
CMY	0.0000, 0.3216, 0.3608
CMYK	0.00, 0.32, 0.36, 0.00
HSL	7°, 100%, 82%
HSV	7°, 36%, 100%
XYZ	62.7944, 53.7915, 41.7235
YIQ	196.3780, 52.0820, 14.2740

Conversions

Conversions Part 2

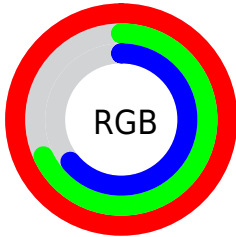
Format	Color
R _Y B	255, 174, 163
Decimal	16756131
CIE Lab	78.34, 28.84, 17.39
CIE LCh	78, 33.674, 31.087
Yxy	53.7915, 0.3967, 0.3398
Android (android.graphics.Color)	4294946211 (0xFFFFADA3)
YUV	196.3780, -16.4554, 51.4115
Hunter-Lab	73.3427, 24.4782, 17.6107

Details

The YUV color **196.3780, -16.4554, 51.4115** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **221.6220, 16.4554, -51.4115**, and the grayscale version is **197.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **235.5200, -8.6374, 17.0840**, and **141.6980, -15.1341, 47.6229** is the 20% darker color. If you saturate the color by 10%, you get **179.9130, -21.1561, 65.8513**, and if you desaturate by 10%, it is **212.7290, -12.1914, 37.0717**.

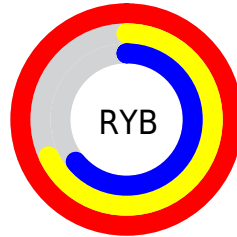
Distribution



Red (100%)

Green (68%)

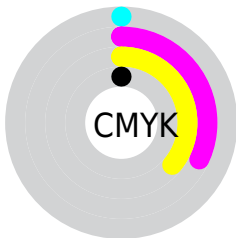
Blue (64%)



Red (100%)

Yellow (68%)

Blue (64%)

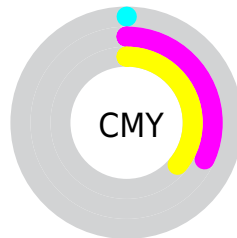


Cyan (0%)

Magenta (32%)

Yellow (36%)

Black (0%)



Cyan (0%)


Magenta (32%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 196.3780, -16.4554, 51.4115 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 196.3780, -16.4554, 51.4115 by changing the saturation by 10% instead.


 196.3780,
-16.4554, 51.4115


 196.3780,
-16.4554, 51.4115


255.0000, 0.0000,
0.0000


 168.5950,
-15.5763, 49.4672


 235.5200, -8.6374,
17.0840


 141.6980,
-15.1341, 47.6229

 253.9740, -3.9312,
0.8998

 115.9150,
-14.2551, 45.6785

 90.2460, -12.9393,
43.6343

 65.2780, -11.4761,
40.9752

 41.3100, -10.0128,
38.3161

 17.9400, -8.8444,

36.8866

■ 10.5790, -4.7224,
21.4172

■ 0.0000, 0.0000,
0.0000

■ 196.3780,
-16.4554, 51.4115

■ 196.3780,
-16.4554, 51.4115

■ 179.9130,
-21.1561, 65.8513

■ 212.7290,
-12.1914, 37.0717

■ 164.1490,
-25.7095, 79.6763

■ 228.6070, -7.2013,
23.1467

■ 147.6840,
-30.4102, 94.1161

■ 244.9580, -2.9373,
8.8068

■ 131.3330,
-34.6742, 108.4560

■ 255.0000, 0.0000,
0.0000

■ 114.8680,
-39.3749, 122.8958

■ 99.1040, -43.9283,
136.7208

■ 92.6810, -45.6917,
142.3538

Harmonies

Analogous

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



197.8520, -1.8990, 49.2418



196.3780, -16.4554, 51.4115



194.8530, -27.0425, 40.4709

Triad

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



196.3780, -16.4554, 51.4115



184.0330, -10.3693, -34.2319



190.1680, 31.9622, -31.7193

Complementary

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



196.3780, -16.4554, 51.4115



221.6220, 16.4554, -51.4115

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.



181.7960, 32.6386, -62.0881



196.3780, -16.4554, 51.4115



178.8630, 7.4625, -60.3929

Square

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



196.3780, -16.4554, 51.4115



188.5390, -24.4227, -6.6117



176.1290, 24.0934, -74.6581



196.5530, 24.8704, 3.0230

Rectangle

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



196.3780, -16.4554, 51.4115



192.9670, -30.0567, 27.2159



176.1290, 24.0934, -74.6581



188.0310, 33.0157, -43.0002

Sweetspot

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



196.3780, -16.4554, 51.4115



237.1330, -4.9956, 15.6694



199.9700, 22.6928, 48.2613



117.2570, -3.0847, 9.4216



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.



196.3780, -16.4554, 51.4115



184.9340, -19.6875, 61.4479



222.7930, -29.4779, 28.2455



119.4740, -2.2057, 7.4773



69.4360, -34.2319, 106.6116



23.2450, -11.4598, 35.7421

Inverse Universe

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



221.6220, 16.4554, -51.4115



215.0660, 19.6875, -61.4479



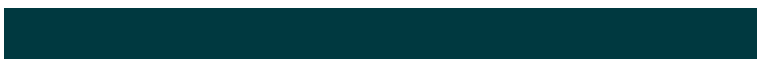
195.2070, 29.4779, -28.2455



122.9390, 2.4951, -6.9625



121.5640, 34.2319, -106.6116



40.7550, 11.4598, -35.7421

Previews

White Background



This preview shows how the YUV color 196.3780, -16.4554, 51.4115 looks on a white background.

Color Contrast Check

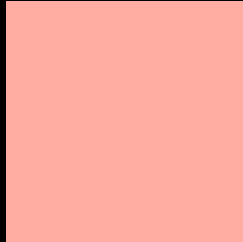
Large Text (above 18pt) WCAG AA × Fail

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 196.3780, -16.4554, 51.4115 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 196.3780, -16.4554, 51.4115

Background



This preview shows how black text looks on a background with the YUV color 196.3780, -16.4554, 51.4115.



This preview shows how white text looks on a background with the YUV color 196.3780, -16.4554,

51.4115.

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

196.3780, -16.4554, 51.4115

Protanopia

194.2970, -10.4994, 7.6325

Deuteranopia

195.2840, -17.3950, 26.0609



Tritanopia

197.4840, -7.1406, 50.4415

Trichromacy



Original Color

196.3780, -16.4554, 51.4115

Protanomaly

194.8260, -12.7322, 23.8316

Deuteranomaly

195.7520, -17.1327, 35.2975

Tritanomaly

197.2730, -10.4876, 50.6266

Monochromacy



Original Color

196.3780, -16.4554, 51.4115

Achromatopsia

196.0000, 0.0000, 0.0000

Achromatomaly

196.2150, -6.0220, 18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 196.3780, -16.4554, 51.4115 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, 173, 163)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 163)  
}
```

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, 173, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 163) }
```

Border

The CSS property to change the border of an element to YUV 196.3780, -16.4554, 51.4115 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, 173, 163) }
```


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

```
.border{ border-color:rgb(255, 173, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 163);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
163) }
```

Background

The CSS property to change the background color of an element to YUV 196.3780, -16.4554, 51.4115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 163) }
```

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

```
.background{ background-color: rgb(255,  
173, 163) }
```

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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