

Converting Colors

YUV(197.7800, -16.1605,
50.1819)

Have a look what the booklet for
YUV(197.7800, -16.1605, 50.1819)
contains.

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Color

**YUV(197.7800, -16.1605,
50.1819)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAFA5
RGB	255, 175, 165
RGB Percent	100%, 69%, 65%
CMY	0.0000, 0.3137, 0.3529
CMYK	0.00, 0.31, 0.35, 0.00
HSL	7°, 100%, 82%
HSV	7°, 35%, 100%
XYZ	63.3615, 54.6366, 42.8037
YIQ	197.7800, 50.8900, 13.8500

Conversions

Conversions Part 2

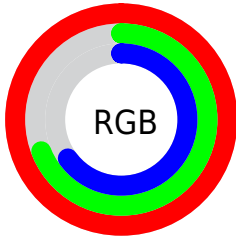
Format	Color
R _Y B	255, 176, 165
Decimal	16756645
CIE Lab	78.83, 28.03, 16.99
CIE LCh	79, 32.775, 31.227
Yxy	54.6366, 0.3940, 0.3398
Android (android.graphics.Color)	4294946725 (0xFFFFAFA5)
YUV	197.7800, -16.1605, 50.1819
Hunter-Lab	73.9165, 23.6568, 17.4078

Details

The YUV color **197.7800, -16.1605, 50.1819** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **222.2200, 16.1605, -50.1819**, and the grayscale version is **198.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **236.9220, -8.3425, 15.8544**, and **143.1000, -14.8393, 46.3933** is the 20% darker color. If you saturate the color by 10%, you get **181.4290, -20.4245, 64.5218**, and if you desaturate by 10%, it is **214.2450, -11.4598, 35.7421**.

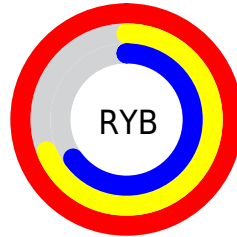
Distribution



Red (100%)

Green (69%)

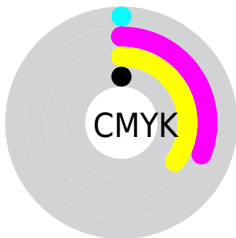
Blue (65%)



Red (100%)

Yellow (69%)

Blue (65%)

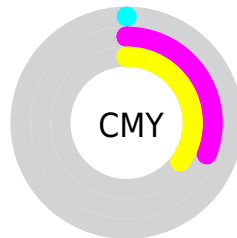


Cyan (0%)

Magenta (31%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the YUV color 197.7800, -16.1605, 50.1819 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 197.7800, -16.1605, 50.1819 by changing the saturation by 10% instead.


 197.7800,
-16.1605, 50.1819


 197.7800,
-16.1605, 50.1819


255.0000, 0.0000,
0.0000


 169.9970,
-15.2815, 48.2376


 236.9220, -8.3425,
15.8544


 143.1000,
-14.8393, 46.3933

 254.3160, -2.6208,
0.5999

 116.7300,
-13.6709, 44.9638

 91.5340, -13.0813,
42.5047

 66.5660, -11.6180,
39.8456

 43.0110, -9.8654,
37.7014

 18.5270, -9.1338,

36.3718

■ 11.1770, -5.0173,
22.6468

■ 0.0000, 0.0000,
0.0000

■ 197.7800,
-16.1605, 50.1819

■ 197.7800,
-16.1605, 50.1819

■ 181.4290,
-20.4245, 64.5218

■ 214.2450,
-11.4598, 35.7421

■ 165.5510,
-25.4146, 78.4468

■ 230.0090, -6.9064,
21.9171

■ 149.2000,
-29.6786, 92.7866

■ 246.4740, -2.2057,
7.4773

■ 132.7350,
-34.3794, 107.2264

■ 255.0000, 0.0000,
0.0000

■ 116.9710,
-38.9327, 121.0514

■ 100.5060,
-43.6335, 135.4912

■ 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.



199.1400, -2.0410, 48.1122



197.7800, -16.1605, 50.1819



195.7820, -26.0215, 39.6562

Triad

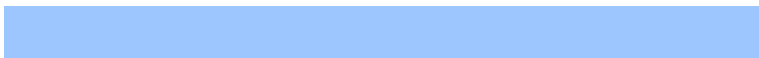
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



197.7800, -16.1605, 50.1819



185.4460, -10.0799, -33.7171



192.2390, 30.9412, -30.9046

Complementary

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



197.7800, -16.1605, 50.1819



222.2200, 16.1605, -50.1819

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.



183.8780, 31.6121, -59.5290



197.7800, -16.1605, 50.1819



180.7600, 7.0203, -58.5485

Square

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



197.7800, -16.1605, 50.1819



190.0660, -23.6965, -6.1969



178.9230, 23.2090, -70.9695



198.0260, 24.1442, 2.6082

Rectangle

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



197.7800, -16.1605, 50.1819



194.1950, -29.1831, 27.0160



178.9230, 23.2090, -70.9695



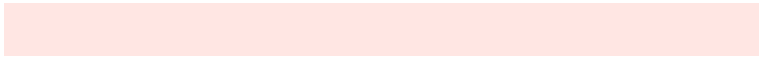
189.5150, 32.2841, -41.6707

Sweetspot

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



197.7800, -16.1605, 50.1819



237.1330, -4.9956, 15.6694



201.1440, 22.1140, 47.2317



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.



197.7800, -16.1605, 50.1819



187.0370, -19.2452, 59.6036



223.6080, -28.8937, 27.5308



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.



222.2200, 16.1605, -50.1819



215.9630, 19.2452, -59.6036



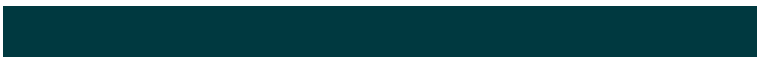
196.3920, 28.8937, -27.5308



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 197.7800, -16.1605, 50.1819 looks on a white background.

Color Contrast Check

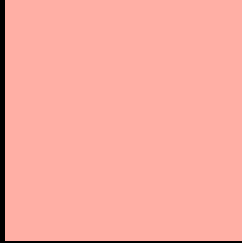
Large Text (above 18pt) WCAG AA × Fail

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 197.7800, -16.1605, 50.1819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

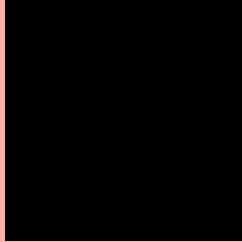
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 197.7800, -16.1605, 50.1819

Background



This preview shows how black text looks on a background with the YUV color 197.7800, -16.1605, 50.1819.



This preview shows how white text looks on a background with the YUV color 197.7800, -16.1605, 50.1819.

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

197.7800, -16.1605, 50.1819

Protanopia

195.4110, -10.0626, 7.5326

Deuteranopia

196.5120, -16.5214, 25.8610



Tritanopia

198.8860, -6.8458, 49.2120

Trichromacy



Original Color

197.7800, -16.1605, 50.1819

Protanomaly

196.5270, -12.5848, 23.2168

Deuteranomaly

196.9800, -16.2591, 35.0975

Tritanomaly

198.6750, -10.1928, 49.3970

Monochromacy



Original Color

197.7800, -16.1605, 50.1819

Achromatopsia

198.0000, 0.0000, 0.0000

Achromatomaly

198.2150, -6.0220, 18.2284

CSS Examples

Text

The CSS property to change the color of the text to YUV 197.7800, -16.1605, 50.1819 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, 175, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 165)  
}
```

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, 175, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 165) }
```

Border

The CSS property to change the border of an element to YUV 197.7800, -16.1605, 50.1819 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, 175, 165) }
```


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

```
.border{ border-color:rgb(255, 175, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
165) }
```

Background

The CSS property to change the background color of an element to YUV 197.7800, -16.1605, 50.1819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 165) }
```

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

```
.background{ background-color: rgb(255,  
175, 165) }
```

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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