

Converting Colors

YUV(199.5530, -1.7516,
48.6270)

Have a look what the booklet for
YUV(199.5530, -1.7516, 48.6270)
contains.

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Color

**YUV(199.5530, -1.7516,
48.6270)**

Conversions

Conversions Part 1

Format	Color
Hex	FFACC4
RGB	255, 172, 196
RGB Percent	100%, 67%, 77%
CMY	0.0000, 0.3255, 0.2314
CMYK	0.00, 0.33, 0.23, 0.00
HSL	343°, 100%, 84%
HSV	343°, 33%, 100%
XYZ	65.9563, 54.7506, 59.3162
YIQ	199.5530, 41.7640, 25.0600

Conversions

Conversions Part 2

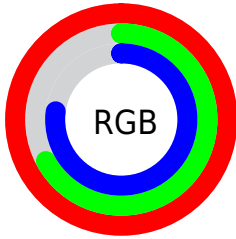
Format	Color
RYB	255, 172, 196
Decimal	16755908
CIELab	78.90, 33.63, 0.27
CIELCh	79, 33.627, 0.465
Yxy	54.7506, 0.3664, 0.3041
Android (android.graphics.Color)	4294945988 (0xFFFFACC4)
YUV	199.5530, -1.7516, 48.6270
Hunter-Lab	73.9936, 29.6222, 4.2664

Details

The YUV color **199.5530, -1.7516, 48.6270** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **227.4470, 1.7516, -48.6270**, and the grayscale version is **200.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **238.9230, 6.9400, 14.0995**, and **144.9440, -1.4514, 45.6531** is the 20% darker color. If you saturate the color by 10%, you get **182.8260, -2.3792, 63.2966**, and if you desaturate by 10%, it is **216.8670, -1.4134, 33.4426**.

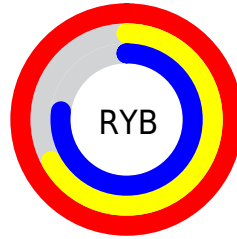
Distribution



Red (100%)

Green (67%)

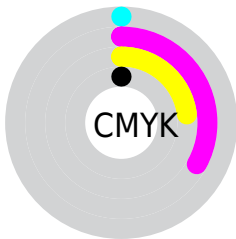
Blue (77%)



Red (100%)

Yellow (67%)

Blue (77%)

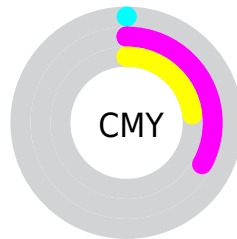


Cyan (0%)

Magenta (33%)

Yellow (23%)

Black (0%)



Cyan (0%)


Magenta (33%)


Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.5530, -1.7516, 48.6270 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 199.5530, -1.7516, 48.6270 by changing the saturation by 10% instead.

 199.5530, -1.7516,
48.6270

 199.5530, -1.7516,
48.6270


255.0000, 0.0000,
0.0000


 171.9550, -1.4568,
47.3975

 238.9230, 6.9400,
14.0995

 144.9440, -1.4514,
45.6531

 118.4600, -0.7198,
44.3236

 92.5630, -0.2776,
42.4792

 67.7800, 0.6015,
40.5349

 42.8230, 2.0593,
39.6202

 21.5020, 2.2175,

35.5167

■ 12.6720, -5.7543,
25.7207

■ 0.0000, 0.0000,
0.0000

■ 199.5530, -1.7516,
48.6270

■ 199.5530, -1.7516,
48.6270

■ 182.8260, -2.3792,
63.2966

■ 216.8670, -1.4134,
33.4426

■ 165.5120, -2.7174,
78.4810

■ 233.5940, -0.7858,
18.7731

■ 148.7850, -3.3450,
93.1506

■ 250.9080, -0.4476,
3.5887

■ 131.3570, -4.1200,
108.4349

■ 255.0000, 0.0000,
0.0000

■ 114.6300, -4.7476,
123.1045

■ 97.3160, -5.0858,
138.2889

■ 84.6810, -5.2657,
149.3698

Harmonies

Analogous

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



200.3410, 13.1429, 31.2729



199.5530, -1.7516, 48.6270



197.1930, -15.8711, 50.6967

Triad

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



199.5530, -1.7516, 48.6270



190.2510, -24.2807, -5.4821



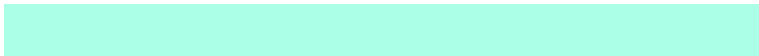
183.3830, 32.3492, -62.6029

Complementary

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



199.5530, -1.7516, 48.6270



227.4470, 1.7516, -48.6270

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.



178.3140, 23.5092, -73.9434



199.5530, -1.7516, 48.6270



185.9190, -10.8061, -34.1320

Square

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



199.5530, -1.7516, 48.6270



193.3360, -29.7456, 20.7533



180.7490, 7.0257, -60.2929



191.6410, 31.2360, -32.1342

Rectangle

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



199.5530, -1.7516, 48.6270



196.9830, -24.1486, 45.6189



180.7490, 7.0257, -60.2929



180.5840, 30.7711, -69.7952

Sweetspot

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



199.5530, -1.7516, 48.6270



238.2730, -0.6276, 14.6696



198.8040, 27.7046, 27.3589



117.3540, -0.1745, 9.3365



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.



199.5530, -1.7516, 48.6270



188.7930, -2.3629, 58.0635



206.7960, -17.1544, 42.2749



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Inverse Universe

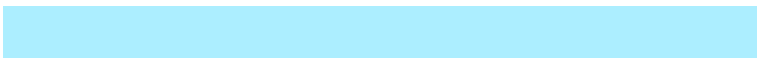
The Inverse Universe completely reimagines the original color for something new.



199.5530, -1.7516, 48.6270



188.7930, -2.3629, 58.0635



220.2040, 17.1544, -42.2749



119.2290, -0.6059, 7.6922



63.3790, -4.1308, 111.9236



21.1880, -1.5717, 37.5461

Previews

White Background



This preview shows how the YUV color 199.5530, -1.7516, 48.6270 looks on a white background.

Color Contrast Check

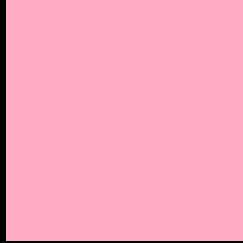
Large Text (above 18pt) WCAG AA × Fail

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 199.5530, -1.7516, 48.6270 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 199.5530, -1.7516, 48.6270

Background



This preview shows how black text looks on a background with the YUV color 199.5530, -1.7516, 48.6270.



This preview shows how white text looks on a background with the YUV color 199.5530, -1.7516,

48.6270.

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

199.5530, -1.7516, 48.6270

Protanopia

196.5960, 6.1152, -1.3997

Deuteranopia

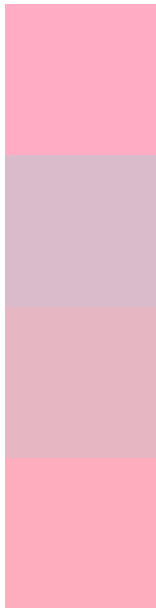
197.5290, -2.2328, 16.1991



Tritanopia

199.4020, -6.1142, 47.8824

Trichromacy



Original Color

199.5530, -1.7516, 48.6270

Protanomaly

197.9080, 3.0034, 16.7437

Deuteranomaly

198.3070, -2.1234, 27.7948

Tritanomaly

199.1570, -4.5144, 48.0973

Monochromacy



Original Color

199.5530, -1.7516, 48.6270

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

199.9960, -0.4910, 17.5435

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5530, -1.7516, 48.6270 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, 172, 196)` looks like.

```
.text, #text, p{  
    color:rgb(255, 172, 196)  
}
```

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, 172, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 172, 196) }
```

Border

The CSS property to change the border of an element to YUV 199.5530, -1.7516, 48.6270 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, 172, 196) }
```


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

```
.border{ border-color:rgb(255, 172, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 172, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 172, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 172, 196);  
box-shadow:4px 4px 4px 4px rgb(255, 172,  
196) }
```

Background

The CSS property to change the background color of an element to YUV 199.5530, -1.7516, 48.6270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 172, 196) }
```

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

```
.background{ background-color: rgb(255,  
172, 196) }
```

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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