

Converting Colors

YUV(199.6380, -14.1185,
48.5525)

Have a look what the booklet for
YUV(199.6380, -14.1185, 48.5525)
contains.

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Color

**YUV(199.6380, -14.1185,
48.5525)**

Conversions

Conversions Part 1

Format	Color
Hex	FFB1AB
RGB	255, 177, 171
RGB Percent	100%, 69%, 67%
CMY	0.0000, 0.3059, 0.3294
CMYK	0.00, 0.31, 0.33, 0.00
HSL	4°, 100%, 84%
HSV	4°, 33%, 100%
XYZ	64.3128, 55.6446, 45.8789
YIQ	199.6380, 48.4140, 14.6700

Conversions

Conversions Part 2

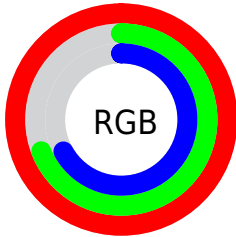
Format	Color
R_{YB}	255, 177, 171
Decimal	16757163
CIE _{Lab}	79.41, 27.70, 14.56
CIE _{LCh}	79, 31.298, 27.730
Yxy	55.6446, 0.3878, 0.3355
Android (android.graphics.Color)	4294947243 (0xFFFFB1AB)
YUV	199.6380, -14.1185, 48.5525
Hunter-Lab	74.5953, 23.3533, 15.7511

Details

The YUV color $199.6380, -14.1185, 48.5525$ is a light color, and the websafe version is hex FF9999 . A complement of this color would be $226.3620, 14.1185, -48.5525$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $238.7800, -6.3005, 14.2249$, and $144.9580, -12.7973, 44.7638$ is the 20% darker color. If you saturate the color by 10%, you get $182.7000, -18.0931, 63.4071$, and if you desaturate by 10%, it is $216.5760, -10.1440, 33.6978$.

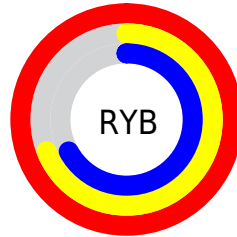
Distribution



Red (100%)

Green (69%)

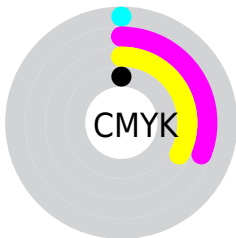
Blue (67%)



Red (100%)

Yellow (69%)

Blue (67%)

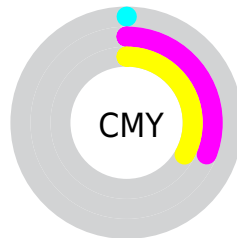


Cyan (0%)

Magenta (31%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (31%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 199.6380, -14.1185, 48.5525 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 199.6380, -14.1185, 48.5525 by changing the saturation by 10% instead.

199.6380,
-14.1185, 48.5525

199.6380,
-14.1185, 48.5525

255.0000, 0.0000,
0.0000

171.7410,
-13.6763, 46.7081

238.7800, -6.3005,
14.2249

144.9580,
-12.7973, 44.7638

118.4740,
-12.0657, 43.4343

93.3920, -11.0393,
40.8752

68.6090, -10.1602,
38.9309

44.6410, -8.6970,
36.2718

19.5270, -9.1338,

36.3718

■ 11.7750, -5.3121,
23.8763

■ 0.0000, 0.0000,
0.0000

■ 199.6380,
-14.1185, 48.5525

■ 199.6380,
-14.1185, 48.5525

■ 182.7000,
-18.0931, 63.4071

■ 216.5760,
-10.1440, 33.6978

■ 166.2350,
-22.7939, 77.8469

■ 233.0410, -5.4432,
19.2580

■ 149.2970,
-26.7684, 92.7015

■ 250.0930, -1.0318,
4.3034

■ 132.2450,
-31.1798, 107.6561

■ 255.0000, 0.0000,
0.0000

■ 115.8940,
-35.4437, 121.9960

■ 98.8420, -39.8551,
136.9506

■ 86.8110, -42.7978,
147.5018

Harmonies

Analogous

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



200.8730, -0.4304, 44.8384



199.6380, -14.1185, 48.5525



197.5370, -24.4217, 39.8711

Triad

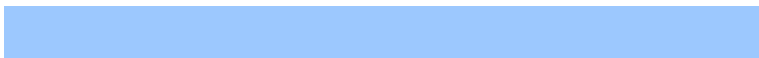
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



199.6380, -14.1185, 48.5525



188.4250, -11.5485, -29.3137



193.0000, 30.0730, -32.4490

Complementary

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



199.6380, -14.1185, 48.5525



226.3620, 14.1185, -48.5525

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.



185.6070, 29.2807, -58.4143



199.6380, -14.1185, 48.5525



184.1090, 4.3833, -52.7156

Square

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



199.6380, -14.1185, 48.5525



192.2020, -23.2706, -2.8082



181.5600, 20.4299, -66.2661



199.0040, 24.1550, -0.8805

Rectangle

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



199.6380, -14.1185, 48.5525



196.5480, -27.8782, 28.4604



181.5600, 20.4299, -66.2661



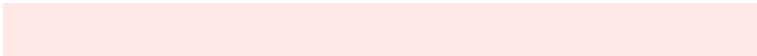
190.7600, 30.6843, -41.8855

Sweetspot

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



199.6380, -14.1185, 48.5525



238.0620, -3.9746, 14.8546



205.0080, 21.6881, 43.8430



117.3710, -2.6479, 9.3216



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.



199.6380, -14.1185, 48.5525



187.6070, -17.0613, 59.1037



224.2920, -26.2730, 26.9309



119.4740, -2.2057, 7.4773



65.3270, -32.2062, 110.2152



22.0710, -10.8810, 36.7717

Inverse Universe

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



226.3620, 14.1185, -48.5525



220.3930, 17.0613, -59.1037



201.7080, 26.2730, -26.9309



123.5260, 2.2057, -7.4773



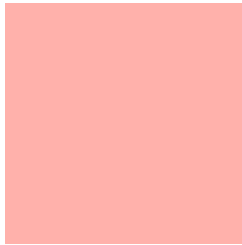
126.2600, 31.9168, -110.7300



41.9290, 10.8810, -36.7717

Previews

White Background



This preview shows how the YUV color 199.6380, -14.1185, 48.5525 looks on a white background.

Color Contrast Check

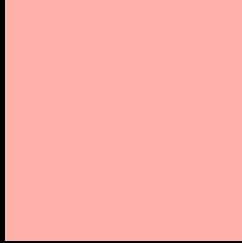
Large Text (above 18pt) WCAG AA × Fail

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 199.6380, -14.1185, 48.5525 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

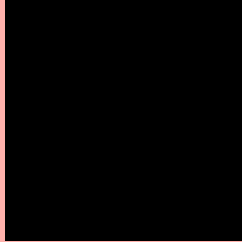
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 199.6380, -14.1185, 48.5525

Background



This preview shows how black text looks on a background with the YUV color 199.6380, -14.1185, 48.5525.

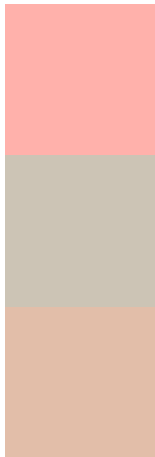


This preview shows how white text looks on a background with the YUV color 199.6380, -14.1185,

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

199.6380, -14.1185, 48.5525

Protanopia

196.6820, -7.7312, 6.4179

Deuteranopia

198.3700, -14.4794, 24.2315



Tritanopia

200.4020, -6.1142, 47.8824

Trichromacy



Original Color

199.6380, -14.1185, 48.5525

Protanomaly

197.7980, -10.2534, 22.1022

Deuteranomaly

198.8380, -14.2171, 33.4681

Tritanomaly

200.3050, -9.0244, 47.9675

Monochromacy



Original Color

199.6380, -14.1185, 48.5525

Achromatopsia

200.0000, 0.0000, 0.0000

Achromatomaly

200.0300, -5.4378, 17.5137

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.6380, -14.1185, 48.5525 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, 177, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 177, 171)  
}
```

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, 177, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 177, 171) }
```

Border

The CSS property to change the border of an element to YUV 199.6380, -14.1185, 48.5525 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, 177, 171) }
```


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

```
.border{ border-color:rgb(255, 177, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 177, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 177, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 177, 171); box-shadow:4px 4px 4px 4px rgb(255, 177, 171) }
```

Background

The CSS property to change the background color of an element to YUV 199.6380, -14.1185, 48.5525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 177, 171) }
```

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

```
.background{ background-color: rgb(255,  
177, 171) }
```

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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