

Converting Colors

YUV(200.3850, -3.6408,
47.8974)

Have a look what the booklet for
YUV(200.3850, -3.6408, 47.8974)
contains.

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Color

**YUV(200.3850, -3.6408,
47.8974)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAEC1
RGB	255, 174, 193
RGB Percent	100%, 68%, 76%
CMY	0.0000, 0.3176, 0.2431
CMYK	0.00, 0.32, 0.24, 0.00
HSL	346°, 100%, 84%
HSV	346°, 32%, 100%
XYZ	66.0017, 55.3824, 57.6633
YIQ	200.3850, 42.1770, 23.0810

Conversions

Conversions Part 2

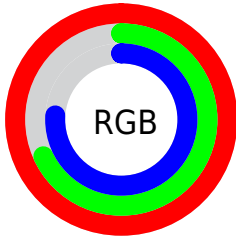
Format	Color
R _Y B	255, 174, 193
Decimal	16756417
CIE Lab	79.26, 32.16, 2.43
CIE LCh	79, 32.251, 4.324
Yxy	55.3824, 0.3686, 0.3093
Android (android.graphics.Color)	4294946497 (0xFFFFAEC1)
YUV	200.3850, -3.6408, 47.8974
Hunter-Lab	74.4193, 28.0759, 6.1531

Details

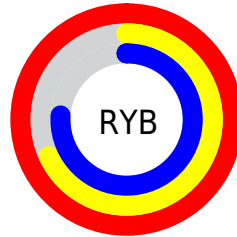
The YUV color $200.3850, -3.6408, 47.8974$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $228.6150, 3.6408, -47.8974$, and the grayscale version is $200.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $239.6410, 4.6140, 13.4698$, and $145.8900, -2.9038, 44.8235$ is the 20% darker color. If you saturate the color by 10%, you get $182.8430, -4.8526, 63.2817$, and if you desaturate by 10%, it is $217.9270, -2.4290, 32.5130$.

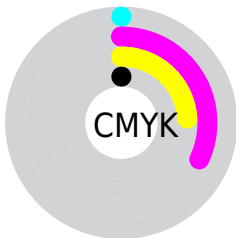
Distribution



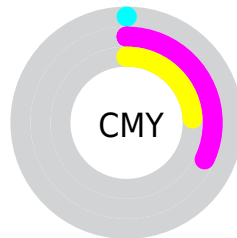
- Red (100%)
- Green (68%)
- Blue (76%)



- Red (100%)
- Yellow (68%)
- Blue (76%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (32%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 200.3850, -3.6408, 47.8974 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 200.3850, -3.6408, 47.8974 by changing the saturation by 10% instead.

 200.3850, -3.6408,
47.8974

 200.3850, -3.6408,
47.8974

255.0000, 0.0000,
0.0000


 172.7870, -3.3460,
46.6678


 239.6410, 4.6140,
13.4698

 145.8900, -2.9038,
44.8235

 119.2920, -2.6090,
43.5939

 93.5090, -1.7299,
41.6496

 68.6120, -1.2877,
39.8053

 44.2420, -0.1193,
38.3758

 21.2740, 1.3439,

35.7167

■ 12.6720, -5.7543,
25.7207

■ 0.0000, 0.0000,
0.0000

■ 200.3850, -3.6408,
47.8974

■ 200.3850, -3.6408,
47.8974

■ 182.8430, -4.8526,
63.2817

■ 217.9270, -2.4290,
32.5130

■ 166.0020, -5.9170,
78.0512

■ 234.7680, -1.3646,
17.7435

■ 149.0470, -7.4182,
92.9208

■ 252.3100, -0.1528,
2.3591

■ 131.6190, -8.1932,
108.2051

■ 255.0000, 0.0000,
0.0000

■ 114.6640, -9.6944,
123.0747

■ 97.2360, -10.4693,
138.3590

■ 83.0850, -11.3809,
150.7695

Harmonies

Analogous

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



201.0700, 10.8115, 32.3876



200.3850, -3.6408, 47.8974



198.8400, -17.1761, 49.2523

Triad

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



200.3850, -3.6408, 47.8974



191.0980, -22.2333, -8.8559



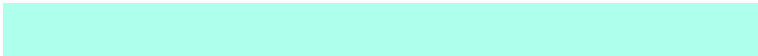
185.9000, 31.6013, -56.0403

Complementary

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



200.3850, -3.6408, 47.8974



228.6150, 3.6408, -47.8974

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.



181.0480, 23.6403, -69.3251



200.3850, -3.6408, 47.8974



186.7770, -8.7641, -35.7614

Square

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



200.3850, -3.6408, 47.8974



194.2430, -28.7138, 16.4499



182.2160, 8.7675, -58.9484



194.3320, 29.9093, -26.6012

Rectangle

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



200.3850, -3.6408, 47.8974



197.3740, -23.8484, 42.6450



182.2160, 8.7675, -58.9484



183.9870, 29.5864, -63.1326

Sweetspot

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



200.3850, -3.6408, 47.8974



238.0450, -1.5012, 14.8695



201.4730, 26.3888, 29.4032



117.2400, -0.6113, 9.4365



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.



200.3850, -3.6408, 47.8974



189.6250, -4.2521, 57.3339



209.9590, -17.7278, 39.5010



119.2290, -0.6059, 7.6922



62.2390, -8.4988, 112.9234



20.8460, -2.8821, 37.8461

Inverse Universe

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



200.3850, -3.6408, 47.8974



189.6250, -4.2521, 57.3339



219.0410, 17.7278, -39.5010



119.2290, -0.6059, 7.6922



62.2390, -8.4988, 112.9234



20.8460, -2.8821, 37.8461

Previews

White Background



This preview shows how the YUV color 200.3850, -3.6408, 47.8974 looks on a white background.

Color Contrast Check

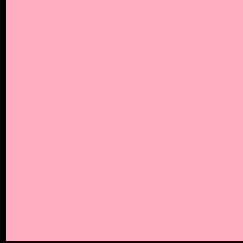
Large Text (above 18pt) WCAG AA × Fail

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 200.3850, -3.6408, 47.8974 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 200.3850, -3.6408, 47.8974

Background



This preview shows how black text looks on a background with the YUV color 200.3850, -3.6408, 47.8974.



This preview shows how white text looks on a background with the YUV color 200.3850, -3.6408,

47.8974.

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

200.3850, -3.6408, 47.8974

Protanopia

197.7380, 4.0732, 0.2298

Deuteranopia

198.3720, -4.1274, 17.2138



Tritanopia

200.1030, -5.9668, 47.2677

Trichromacy



Original Color

200.3850, -3.6408, 47.8974



Protanomaly

198.7510, 1.1088, 17.7584



Deuteranomaly

198.8510, -3.8705, 28.1947



Tritanomaly

200.3310, -5.0932, 47.0677

Monochromacy



Original Color

200.3850, -3.6408, 47.8974



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

200.3550, -1.6540, 17.2287

CSS Examples

Text

The CSS property to change the color of the text to YUV 200.3850, -3.6408, 47.8974 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, 174, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 193)  
}
```

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, 174, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 193) }
```

Border

The CSS property to change the border of an element to YUV 200.3850, -3.6408, 47.8974 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, 174, 193) }
```


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

```
.border{ border-color:rgb(255, 174, 193) }
```

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

Here you see how a box with a 4 pixel rgb(255, 174, 193) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 174, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 174, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 174,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 200.3850, -3.6408, 47.8974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 193) }
```

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

```
.background{ background-color: rgb(255,  
174, 193) }
```

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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