

# Converting Colors

$Yxy(60.3496, 0.4293, 0.3319)$

Have a look what the booklet for  
Yxy(60.3496, 0.4293, 0.3319)  
contains.

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# Color

**Yxy(52.0184, 0.3957, 0.3314)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA8A6
RGB	255, 168, 166
RGB Percent	100%, 66%, 65%
CMY	0.0002, 0.3410, 0.3491
CMYK	0.00, 0.34, 0.35, 0.00
HSL	1°, 100%, 83%
HSV	1°, 35%, 100%
XYZ	62.1113, 52.0184, 42.8359
YIQ	193.7850, 52.4940, 17.8220

# Conversions

## Conversions Part 2

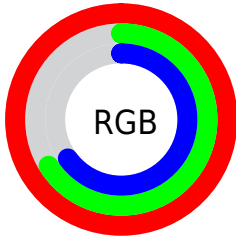
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 168, 166
Decimal	16754854
CIE <sub>Lab</sub>	77.29, 31.77, 14.30
CIE <sub>LCh</sub>	77, 34.841, 24.233
Yxy	52.0184, 0.3957, 0.3314
Android (android.graphics.Color)	4294944934 (0xFFFFA8A6)
YUV	193.7850, -13.6980, 53.6856
Hunter-Lab	72.1238, 27.5033, 15.2730

# Details

The Yxy color **52.0184, 0.3957, 0.3314** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.5130, 0.2630, 0.3266**, and the grayscale version is **53.8754, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.7918, 0.3369, 0.3321**, and **25.2121, 0.4188, 0.3307** is the 20% darker color. If you saturate the color by 10%, you get **42.8411, 0.4328, 0.3321**, and if you desaturate by 10%, it is **63.1477, 0.3652, 0.3307**.

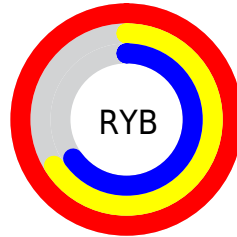
# Distribution



Red (100%)

Green (66%)

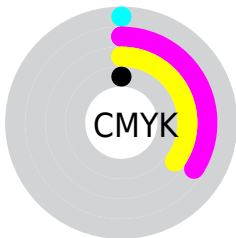
Blue (65%)



Red (100%)

Yellow (66%)

Blue (65%)

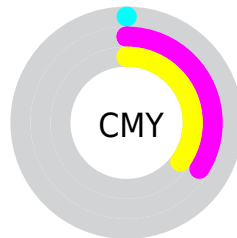


Cyan (0%)

Magenta (34%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (34%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.0184, 0.3957, 0.3314 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 Yxy color 52.0184, 0.3957, 0.3314 by changing the saturation by 10% instead.




 52.0184, 0.3957,  
0.3314


 52.0184, 0.3957,  
0.3314


394.5076, 0.3545,  
0.3314

 37.0197, 0.4058,  
0.3311


 93.1584, 0.3809,  
0.3317

 25.2228, 0.4187,  
0.3304


 120.0685, 0.3753,  
0.3317

 16.2431, 0.4355,  
0.3293


151.7179, 0.3705,  
0.3317

 9.6963, 0.4585,  
0.3271

188.4909, 0.3664,  
0.3316

 5.1981, 0.4916,  
0.3227

230.7720, 0.3629,  
0.3316

 2.3640, 0.5424,  
0.3132

278.9456, 0.3597,

 0.8073, 0.6850,

0.3315

0.3150

333.3960, 0.3570,  
0.3315

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.0184, 0.3957,  
0.3314

52.0184, 0.3957,  
0.3314

42.8411, 0.4328,  
0.3321

63.1477, 0.3652,  
0.3307

35.4963, 0.4763,  
0.3326

76.3245, 0.3406,  
0.3300

29.8633, 0.5238,  
0.3329

91.6469, 0.3209,  
0.3293

25.8037, 0.5705,  
0.3328

99.9909, 0.3127,  
0.3290

■ 23.1577, 0.6090,  
0.3321

■ 21.7317, 0.6326,  
0.3311

■ 21.3782, 0.6390,  
0.3309

# Harmonies

## Analogous

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



52.0184, 0.3604, 0.2959



52.0184, 0.3957, 0.3314



52.0184, 0.4065, 0.3687

# Triad

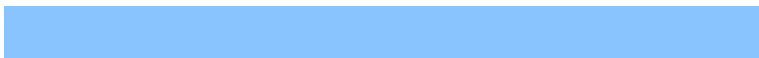
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



52.0184, 0.3957, 0.3314



52.0184, 0.3068, 0.4017



52.0184, 0.2385, 0.2576

# Complementary

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



52.0184, 0.3957, 0.3314



85.5130, 0.2630, 0.3266

# 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.



52.0184, 0.2270, 0.2791



52.0184, 0.3957, 0.3314



52.0184, 0.2643, 0.3644

# Square

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



52.0184, 0.3957, 0.3314



52.0184, 0.3530, 0.4140



52.0184, 0.2358, 0.3176



52.0184, 0.2689, 0.2548



# Rectangle

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



52.0184, 0.3957, 0.3314



52.0184, 0.3983, 0.3907



52.0184, 0.2358, 0.3176



52.0184, 0.2325, 0.2627

# Sweetspot

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



52.0209, 0.3957, 0.3314



83.5870, 0.3304, 0.3296



55.6400, 0.3179, 0.2435



17.4354, 0.3332, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



52.0209, 0.3957, 0.3314



45.3241, 0.4214, 0.3319



71.0664, 0.3796, 0.3766



18.0539, 0.3294, 0.3296



11.2043, 0.6385, 0.3312



1.1135, 0.6347, 0.3343



# Inverse Universe

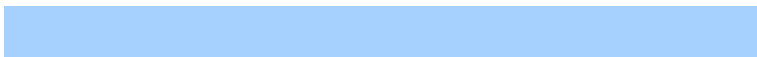
The Inverse Universe completely reimagines the original color for something new.



85.5130, 0.2630, 0.3266



83.4644, 0.2548, 0.3261



60.9165, 0.2561, 0.2759



20.4055, 0.2980, 0.3284



39.2495, 0.2227, 0.3217



3.8435, 0.2229, 0.3226



# Previews

## White Background



This preview shows how the Yxy color 52.0184, 0.3957, 0.3314 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

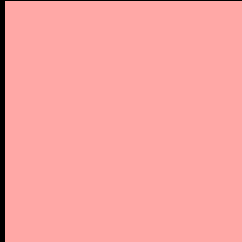
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.0184, 0.3957, 0.3314 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](#).

**Yxy 52.0184, 0.3957, 0.3314**

## Background



This preview shows how black text looks on a background with the Yxy color 52.0184, 0.3957, 0.3314.



This preview shows how white text looks on a background with the Yxy color 52.0184, 0.3957, 0.3314.

# 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

52.0184, 0.3957, 0.3314

### Protanopia

52.4817, 0.3285, 0.3452

### Deuteranopia

52.1410, 0.3616, 0.3539



## Tritanopia

52.1521, 0.3836, 0.3166

# Trichromacy



## Original Color

52.0184, 0.3957, 0.3314



## Protanomaly

51.9830, 0.3515, 0.3397



## Deuteranomaly

51.8448, 0.3742, 0.3451



## Tritanomaly

51.9534, 0.3884, 0.3219

# Monochromacy



## Original Color

52.0184, 0.3957, 0.3314



## Achromatopsia

53.9479, 0.3127, 0.3290



## Achromatomaly

52.7575, 0.3400, 0.3303

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.0184, 0.3957, 0.3314 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, 168, 166)` looks like.

```
.text, #text, p{  
    color:rgb(255, 168, 166)  
}
```

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, 168, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 168, 166) }
```

## Border

The CSS property to change the border of an element to Yxy 52.0184, 0.3957, 0.3314 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, 168, 166) }
```

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

```
.border{ border-color:rgb(255, 168, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 168, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 168, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 168, 166);  
box-shadow:4px 4px 4px 4px rgb(255, 168,  
166) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.0184, 0.3957, 0.3314 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 168, 166) }
```

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

```
.background{ background-color: rgb(255,  
168, 166) }
```

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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