

# Converting Colors

$Yxy(53.5907, 0.3823, 0.3205)$

Have a look what the booklet for  
Yxy(53.5907, 0.3823, 0.3205)  
contains.

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# Color

**Yxy(53.6405, 0.3824, 0.3208)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFABB3
RGB	255, 171, 179
RGB Percent	100%, 67%, 70%
CMY	0.0000, 0.3294, 0.2981
CMYK	0.00, 0.33, 0.30, 0.00
HSL	354°, 100%, 84%
HSV	354°, 33%, 100%
XYZ	63.9405, 53.6405, 49.6275
YIQ	197.0280, 47.4960, 20.2960

# Conversions

## Conversions Part 2

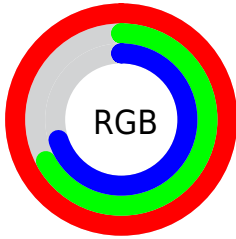
Format	Color
R <sub>Y</sub> B	255, 171, 179
Decimal	16755635
CIE Lab	78.25, 31.85, 8.59
CIE LCh	78, 32.989, 15.087
Yxy	53.6405, 0.3824, 0.3208
Android (android.graphics.Color)	4294945715 (0xFFFFABB3)
YUV	197.0280, -8.8878, 50.8414
Hunter-Lab	73.2397, 27.6667, 11.0926

# Details

The Yxy color **53.6405, 0.3824, 0.3208** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.8945, 0.2694, 0.3376**, and the grayscale version is **55.8861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1963, 0.3270, 0.3211**, and **26.1990, 0.4013, 0.3185** is the 20% darker color. If you saturate the color by 10%, you get **44.0629, 0.4150, 0.3184**, and if you desaturate by 10%, it is **65.2353, 0.3557, 0.3234**.

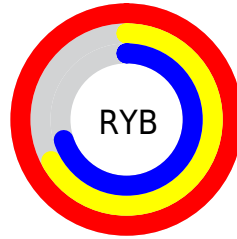
# Distribution



Red (100%)

Green (67%)

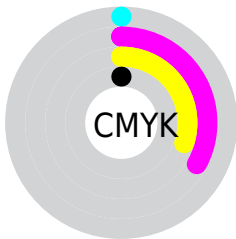
Blue (70%)



Red (100%)

Yellow (67%)

Blue (70%)

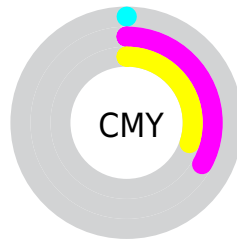


Cyan (0%)

Magenta (33%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6405, 0.3824, 0.3208 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 53.6405, 0.3824, 0.3208 by changing the saturation by 10% instead.




 53.6405, 0.3824,  
0.3208

 53.6405, 0.3824,  
0.3208


400.7376, 0.3481,  
0.3255

 38.3143, 0.3908,  
0.3195

 95.5462, 0.3701,  
0.3226

 26.2267, 0.4014,  
0.3177


122.8945, 0.3654,  
0.3233

 16.9933, 0.4153,  
0.3152


155.0190, 0.3614,  
0.3238

 10.2297, 0.4343,  
0.3115

192.3040, 0.3580,  
0.3242

 5.5515, 0.4617,  
0.3057

235.1340, 0.3551,  
0.3246

 2.5744, 0.5042,  
0.2952

283.8933, 0.3524,

 0.9138, 0.5959,

0.3250

0.2823

338.9664, 0.3501,  
0.3252

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.6405, 0.3824,  
0.3208

53.6405, 0.3824,  
0.3208

44.0629, 0.4150,  
0.3184

65.2353, 0.3557,  
0.3234

36.3832, 0.4539,  
0.3165

78.9490, 0.3343,  
0.3259

30.4762, 0.4978,  
0.3155

94.8813, 0.3171,  
0.3283

26.2000, 0.5437,  
0.3160

100.0000, 0.3127,  
0.3290

■ 23.3905, 0.5858,  
0.3184

■ 21.8497, 0.6175,  
0.3224

■ 21.3270, 0.6317,  
0.3254

# Harmonies

## Analogous

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



53.6405, 0.3445, 0.2890



53.6405, 0.3824, 0.3208



53.6405, 0.4002, 0.3563

# Triad

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



53.6405, 0.3824, 0.3208



53.6405, 0.3208, 0.4032



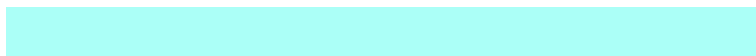
53.6405, 0.2375, 0.2663

# Complementary

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



53.6405, 0.3824, 0.3208



86.8945, 0.2694, 0.3376

# 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.



53.6405, 0.2324, 0.2919



53.6405, 0.3824, 0.3208



53.6405, 0.2785, 0.3744

# Square

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



53.6405, 0.3824, 0.3208



53.6405, 0.3628, 0.4069



53.6405, 0.2468, 0.3317



53.6405, 0.2612, 0.2581



# Rectangle

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



53.6405, 0.3824, 0.3208



53.6405, 0.3978, 0.3784



53.6405, 0.2468, 0.3317



53.6405, 0.2337, 0.2729

# Sweetspot

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



53.6419, 0.3824, 0.3208



83.3977, 0.3288, 0.3267



56.0491, 0.3099, 0.2452



17.3901, 0.3314, 0.3263



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.



53.6419, 0.3824, 0.3208



46.6761, 0.4048, 0.3191



67.6732, 0.3783, 0.3641



18.0151, 0.3279, 0.3268



11.1531, 0.6296, 0.3242



1.0949, 0.6091, 0.3129



# Inverse Universe

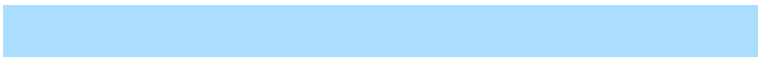
The Inverse Universe completely reimagines the original color for something new.



53.6419, 0.3824, 0.3208



46.6761, 0.4048, 0.3191



67.8038, 0.2609, 0.2909



18.0151, 0.3279, 0.3268



11.1531, 0.6296, 0.3242



1.0949, 0.6091, 0.3129



# Previews

## White Background



This preview shows how the Yxy color 53.6405, 0.3824, 0.3208 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

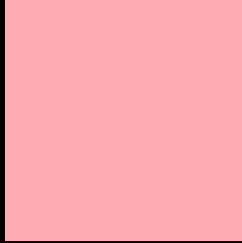
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.6405, 0.3824, 0.3208 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 53.6405, 0.3824, 0.3208**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.6405, 0.3824, 0.3208.



This preview shows how white text looks on a background with the Yxy color 53.6405, 0.3824, 0.3208.

# 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

53.6405, 0.3824, 0.3208

### Protanopia

53.9073, 0.3183, 0.3315

### Deuteranopia

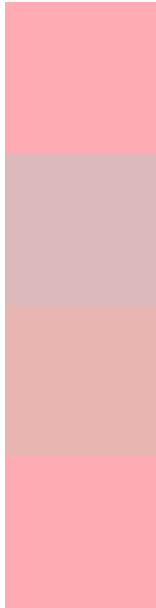
53.7353, 0.3489, 0.3420



## Tritanopia

53.8047, 0.3786, 0.3166

# Trichromacy



**Original Color**

53.6405, 0.3824, 0.3208

**Protanomaly**

53.3458, 0.3401, 0.3268

**Deuteranomaly**

53.3779, 0.3609, 0.3337

**Tritanomaly**

53.7632, 0.3796, 0.3176

# Monochromacy



**Original Color**

53.6405, 0.3824, 0.3208

**Achromatopsia**

55.8340, 0.3127, 0.3290

**Achromatomaly**

54.5896, 0.3363, 0.3267

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.6405, 0.3824, 0.3208 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, 171, 179)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 179)  
}
```

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, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 179) }
```

## Border

The CSS property to change the border of an element to Yxy 53.6405, 0.3824, 0.3208 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, 171, 179) }
```

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

```
.border{ border-color:rgb(255, 171, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 171, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
179) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.6405, 0.3824, 0.3208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 171, 179) }
```

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

```
.background{ background-color: rgb(255,  
171, 179) }
```

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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