

# Converting Colors

Yxy(55.4478, 0.3925, 0.3168)

Have a look what the booklet for  
Yxy(55.4478, 0.3925, 0.3168)  
contains.

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# Color

**Yxy(52.9721, 0.3811, 0.3166)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFA9B5
RGB	255, 169, 181
RGB Percent	100%, 66%, 71%
CMY	0.0001, 0.3372, 0.2902
CMYK	0.00, 0.34, 0.29, 0.00
HSL	352°, 100%, 83%
HSV	352°, 34%, 100%
XYZ	63.7640, 52.9721, 50.5795
YIQ	196.0820, 47.4040, 21.9640

# Conversions

## Conversions Part 2

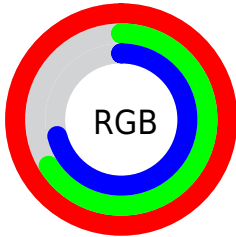
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 169, 181
Decimal	16755125
CIE <sub>Lab</sub>	77.86, 33.14, 6.93
CIE <sub>LCh</sub>	78, 33.860, 11.812
Yxy	52.9721, 0.3811, 0.3166
Android (android.graphics.Color)	4294945205 (0xFFFFA9B5)
YUV	196.0820, -7.4354, 51.6711
Hunter-Lab	72.7819, 29.0147, 9.7440

# Details

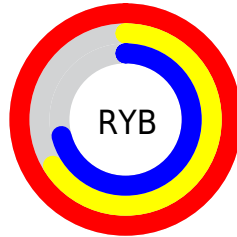
The Yxy color **52.9721, 0.3811, 0.3166** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.4175, 0.2704, 0.3421**, and the grayscale version is **55.2794, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2249, 0.3259, 0.3172**, and **25.7851, 0.3996, 0.3131** is the 20% darker color. If you saturate the color by 10%, you get **43.5625, 0.4124, 0.3130**, and if you desaturate by 10%, it is **64.3785, 0.3554, 0.3204**.

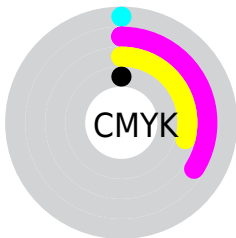
# Distribution



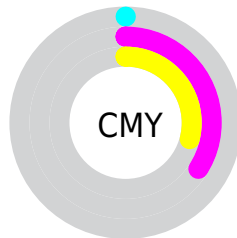
- Red (100%)
- Green (66%)
- Blue (71%)



- Red (100%)
- Yellow (66%)
- Blue (71%)



- Cyan (0%)
- Magenta (34%)
- Yellow (29%)
- Black (0%)




- Cyan (0%)
- Magenta (34%)
- Yellow (29%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.9721, 0.3811, 0.3166 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 52.9721, 0.3811, 0.3166 by changing the saturation by 10% instead.




 52.9721, 0.3811,  
0.3166

 52.9721, 0.3811,  
0.3166


398.1781, 0.3474,  
0.3232

 37.7805, 0.3893,  
0.3148


 94.5633, 0.3690,  
0.3191

 25.8124, 0.3998,  
0.3125


121.7317, 0.3644,  
0.3200

 16.6833, 0.4135,  
0.3093


153.6612, 0.3605,  
0.3208

 10.0090, 0.4323,  
0.3048

190.7361, 0.3571,  
0.3214

 5.4049, 0.4594,  
0.2977

233.3408, 0.3542,  
0.3220

 2.4867, 0.5016,  
0.2856

281.8598, 0.3517,

 0.8700, 0.5893,

0.3224

0.2681

336.6774, 0.3494,  
0.3229

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.9721, 0.3811,  
0.3166

52.9721, 0.3811,  
0.3166

43.5625, 0.4124,  
0.3130

64.3785, 0.3554,  
0.3204

36.0275, 0.4496,  
0.3101

77.8796, 0.3347,  
0.3242

30.2433, 0.4918,  
0.3085

93.5758, 0.3180,  
0.3277

26.0681, 0.5362,  
0.3090

99.9970, 0.3127,  
0.3290

■ 23.3378, 0.5777,  
0.3121

■ 21.8529, 0.6103,  
0.3177

■ 21.3816, 0.6248,  
0.3215

# Harmonies

## Analogous

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



52.9721, 0.3405, 0.2847



52.9721, 0.3811, 0.3166



52.9721, 0.4022, 0.3529

# Triad

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



52.9721, 0.3811, 0.3166



52.9721, 0.3259, 0.4074



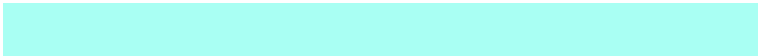
52.9721, 0.2339, 0.2664

# Complementary

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



52.9721, 0.3811, 0.3166



86.4175, 0.2704, 0.3421

# 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.



52.9721, 0.2308, 0.2946



52.9721, 0.3811, 0.3166



52.9721, 0.2818, 0.3802

# Square

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



52.9721, 0.3811, 0.3166



52.9721, 0.3684, 0.4082



52.9721, 0.2476, 0.3367



52.9721, 0.2562, 0.2561



# Rectangle

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



52.9721, 0.3811, 0.3166



52.9721, 0.4016, 0.3762



52.9721, 0.2476, 0.3367



52.9721, 0.2306, 0.2739

# Sweetspot

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



52.9746, 0.3811, 0.3166



83.4621, 0.3281, 0.3255



54.4934, 0.3064, 0.2423



17.4055, 0.3305, 0.3250



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.



52.9746, 0.3811, 0.3166



46.8406, 0.4001, 0.3143



65.0169, 0.3818, 0.3606



18.0283, 0.3272, 0.3257



11.1864, 0.6220, 0.3200



1.1011, 0.5959, 0.3056



# Inverse Universe

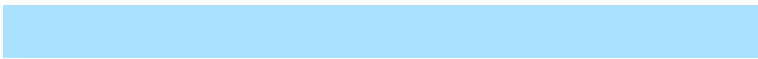
The Inverse Universe completely reimagines the original color for something new.



52.9746, 0.3811, 0.3166



46.8406, 0.4001, 0.3143



69.4492, 0.2603, 0.2949



18.0283, 0.3272, 0.3257



11.1864, 0.6220, 0.3200

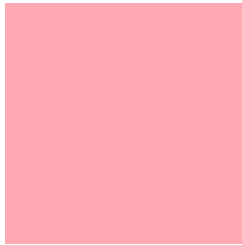


1.1011, 0.5959, 0.3056



# Previews

## White Background



This preview shows how the Yxy color 52.9721, 0.3811, 0.3166 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

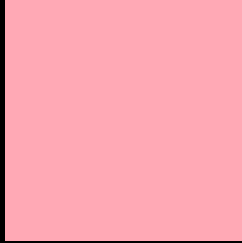
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.9721, 0.3811, 0.3166 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 52.9721, 0.3811, 0.3166**

## **Background**



This preview shows how black text looks on a background with the Yxy color 52.9721, 0.3811, 0.3166.



This preview shows how white text looks on a background with the Yxy color 52.9721, 0.3811, 0.3166.

# 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

52.9721, 0.3811, 0.3166

### Protanopia

53.3301, 0.3144, 0.3266

### Deuteranopia

53.0839, 0.3457, 0.3385



## Tritanopia

53.0133, 0.3802, 0.3155

# Trichromacy



## Original Color

52.9721, 0.3811, 0.3166



## Protanomaly

52.7068, 0.3369, 0.3232



## Deuteranomaly

52.8861, 0.3585, 0.3303



## Tritanomaly

53.0133, 0.3802, 0.3155

# Monochromacy



## Original Color

52.9721, 0.3811, 0.3166



## Achromatopsia

55.2011, 0.3127, 0.3290



## Achromatomaly

53.6311, 0.3350, 0.3232

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.9721, 0.3811, 0.3166 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, 169, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 169, 181)  
}
```

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, 169, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 169, 181) }
```

## Border

The CSS property to change the border of an element to Yxy 52.9721, 0.3811, 0.3166 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, 169, 181) }
```

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

```
.border{ border-color:rgb(255, 169, 181) }
```

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

Here you see how a box with a 4 pixel rgb(255, 169, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 169, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 169, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 169,  
181) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.9721, 0.3811, 0.3166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 169, 181) }
```

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

```
.background{ background-color: rgb(255,  
169, 181) }
```

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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