

# Converting Colors

Yxy(57.5874, 0.3861, 0.3088)

Have a look what the booklet for  
Yxy(57.5874, 0.3861, 0.3088)  
contains.

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# **Color**

**Yxy(54.1474, 0.3712, 0.3083)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFABBF
RGB	255, 171, 191
RGB Percent	100%, 67%, 75%
CMY	0.0001, 0.3293, 0.2511
CMYK	0.00, 0.33, 0.25, 0.00
HSL	346°, 100%, 84%
HSV	346°, 33%, 100%
XYZ	65.1947, 54.1474, 56.2901
YIQ	198.3960, 43.6440, 24.0280

# Conversions

## Conversions Part 2

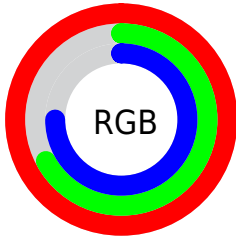
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 171, 191
Decimal	16755647
CIE Lab	78.55, 33.42, 2.50
CIE LCh	79, 33.516, 4.271
Yxy	54.1474, 0.3712, 0.3083
Android (android.graphics.Color)	4294945727 (0xFFFFABBF)
YUV	198.3960, -3.6462, 49.6417
Hunter-Lab	73.5849, 29.3736, 6.1545

# Details

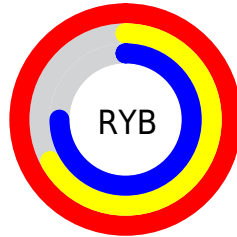
The Yxy color **54.1474, 0.3712, 0.3083** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.1575, 0.2753, 0.3511**, and the grayscale version is **56.7290, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.9136, 0.3191, 0.3095**, and **26.6622, 0.3868, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **44.6276, 0.3981, 0.3020**, and if you desaturate by 10%, it is **65.6436, 0.3490, 0.3149**.

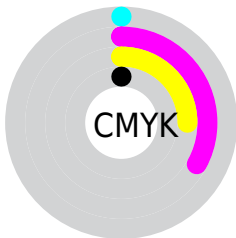
# Distribution



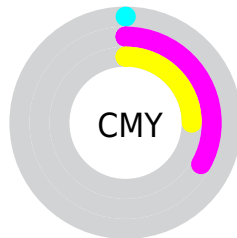
- Red (100%)
- Green (67%)
- Blue (75%)



- Red (100%)
- Yellow (67%)
- Blue (75%)



- Cyan (0%)
- Magenta (33%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (33%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1474, 0.3712, 0.3083 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 54.1474, 0.3712, 0.3083 by changing the saturation by 10% instead.





 54.1474, 0.3712,  
0.3083

 54.1474, 0.3712,  
0.3083

402.6718, 0.3426,  
0.3186

 38.7195, 0.3781,  
0.3058


 96.2906, 0.3610,  
0.3120

 26.5416, 0.3869,  
0.3025


123.7748, 0.3571,  
0.3134

 17.2293, 0.3984,  
0.2982


156.0465, 0.3538,  
0.3146

 10.3981, 0.4140,  
0.2923

193.4901, 0.3509,  
0.3156

 5.6637, 0.4365,  
0.2837

236.4900, 0.3484,  
0.3165

 2.6417, 0.4713,  
0.2701

285.4307, 0.3463,

 0.9477, 0.5323,

0.3173

0.2458

340.6965, 0.3443,  
0.3180

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.1474, 0.3712,  
0.3083

54.1474, 0.3712,  
0.3083

44.6276, 0.3981,  
0.3020

65.6436, 0.3490,  
0.3149

36.9648, 0.4302,  
0.2966

79.2114, 0.3310,  
0.3213

31.0389, 0.4670,  
0.2929

94.9488, 0.3164,  
0.3273

26.7120, 0.5068,  
0.2920

99.9932, 0.3127,  
0.3290

■ 23.8253, 0.5463,  
0.2950

■ 22.1866, 0.5812,  
0.3021

■ 21.5858, 0.6013,  
0.3086

# Harmonies

## Analogous

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



54.1474, 0.3285, 0.2789



54.1474, 0.3712, 0.3083



54.1474, 0.3978, 0.3436

# Triad

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



54.1474, 0.3712, 0.3083



54.1474, 0.3369, 0.4086



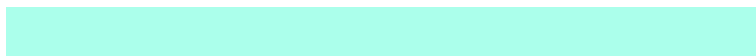
54.1474, 0.2325, 0.2728

# Complementary

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



54.1474, 0.3712, 0.3083



86.1575, 0.2753, 0.3511

# 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.



54.1474, 0.2345, 0.3047



54.1474, 0.3712, 0.3083



54.1474, 0.2928, 0.3880

# Square

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



54.1474, 0.3712, 0.3083



54.1474, 0.3762, 0.4032



54.1474, 0.2558, 0.3478



54.1474, 0.2499, 0.2582



# Rectangle

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



54.1474, 0.3712, 0.3083



54.1474, 0.4017, 0.3672



54.1474, 0.2558, 0.3478



54.1474, 0.2310, 0.2817

# Sweetspot

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



54.1500, 0.3712, 0.3083



83.6063, 0.3264, 0.3231



53.8430, 0.2999, 0.2427



17.4402, 0.3286, 0.3222



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.



54.1500, 0.3712, 0.3083



47.2263, 0.3898, 0.3038



61.8990, 0.3826, 0.3512



18.0578, 0.3257, 0.3234



11.3017, 0.5974, 0.3064



1.1165, 0.5662, 0.2893



# Inverse Universe

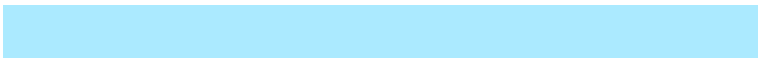
The Inverse Universe completely reimagines the original color for something new.



54.1500, 0.3712, 0.3083



47.2263, 0.3898, 0.3038



74.7131, 0.2627, 0.3055



18.0578, 0.3257, 0.3234



11.3017, 0.5974, 0.3064



1.1165, 0.5662, 0.2893



# Previews

## White Background



This preview shows how the Yxy color 54.1474, 0.3712, 0.3083 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

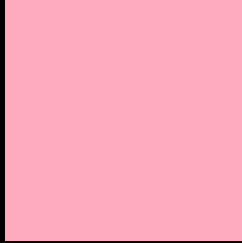
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.1474, 0.3712, 0.3083 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 54.1474, 0.3712, 0.3083**

## Background



This preview shows how black text looks on a background with the Yxy color 54.1474, 0.3712, 0.3083.



This preview shows how white text looks on a background with the Yxy color 54.1474, 0.3712, 0.3083.

# 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

54.1474, 0.3712, 0.3083

### Protanopia

54.6790, 0.3069, 0.3169

### Deuteranopia

54.1962, 0.3363, 0.3291



## Tritanopia

54.0787, 0.3756, 0.3155

# Trichromacy



## Original Color

54.1474, 0.3712, 0.3083



## Protanomaly

53.9930, 0.3285, 0.3140



## Deuteranomaly

53.9530, 0.3485, 0.3212



## Tritanomaly

54.1637, 0.3738, 0.3134

# Monochromacy



## Original Color

54.1474, 0.3712, 0.3083



## Achromatopsia

56.4712, 0.3127, 0.3290



## Achromatomaly

54.9666, 0.3331, 0.3210

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.1474, 0.3712, 0.3083 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 191) }
```

## Border

The CSS property to change the border of an element to Yxy 54.1474, 0.3712, 0.3083 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, 191) }
```

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

```
.border{ border-color:rgb(255, 171, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
191) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.1474, 0.3712, 0.3083 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, 191) }
```

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

```
.background{ background-color: rgb(255,  
171, 191) }
```

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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