

# Converting Colors

$Yxy(57.3586, 0.3856, 0.3107)$

Have a look what the booklet for  
Yxy(57.3586, 0.3856, 0.3107)  
contains.

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# **Color**

**Yxy(54.1035, 0.3721, 0.3093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFABBE
RGB	255, 171, 190
RGB Percent	100%, 67%, 75%
CMY	0.0001, 0.3293, 0.2549
CMYK	0.00, 0.33, 0.25, 0.00
HSL	346°, 100%, 84%
HSV	346°, 33%, 100%
XYZ	65.0886, 54.1035, 55.7303
YIQ	198.2820, 43.9650, 23.7170

# Conversions

## Conversions Part 2

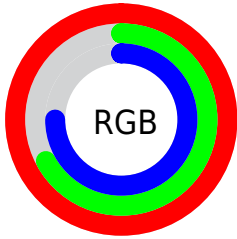
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	255, 171, 190
Decimal	16755646
CIE Lab	78.52, 33.29, 2.99
CIE LCh	79, 33.427, 5.125
Yxy	54.1035, 0.3721, 0.3093
Android (android.graphics.Color)	4294945726 (0xFFFFABBE)
YUV	198.2820, -4.0830, 49.7417
Hunter-Lab	73.5551, 29.2326, 6.5665

# Details

The Yxy color **54.1035, 0.3721, 0.3093** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.2150, 0.2748, 0.3500**, and the grayscale version is **56.6593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8520, 0.3198, 0.3104**, and **26.6333, 0.3881, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **44.5783, 0.3995, 0.3033**, and if you desaturate by 10%, it is **65.6083, 0.3496, 0.3155**.

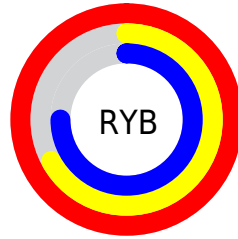
# Distribution



Red (100%)

Green (67%)

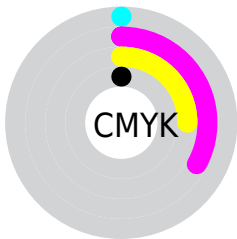
Blue (75%)



Red (100%)

Yellow (67%)

Blue (75%)

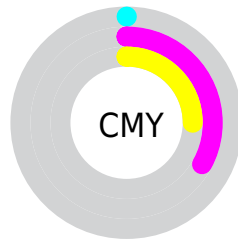


Cyan (0%)

Magenta (33%)

Yellow (25%)

Black (0%)



Cyan (0%)

Magenta (33%)


Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.1035, 0.3721, 0.3093 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 54.1035, 0.3721, 0.3093 by changing the saturation by 10% instead.





 54.1035, 0.3721,  
0.3093

 54.1035, 0.3721,  
0.3093

402.5046, 0.3430,  
0.3191

 38.6844, 0.3791,  
0.3069


 96.2262, 0.3617,  
0.3129

 26.5143, 0.3881,  
0.3037


123.6986, 0.3577,  
0.3142

 17.2088, 0.3998,  
0.2996


155.9576, 0.3544,  
0.3153

 10.3835, 0.4157,  
0.2939

193.3875, 0.3515,  
0.3163

 5.6539, 0.4385,  
0.2855

236.3727, 0.3490,  
0.3172

 2.6358, 0.4740,  
0.2721

285.2977, 0.3468,

 0.9447, 0.5366,

0.3179

0.2483

340.5469, 0.3448,  
0.3186

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.1035, 0.3721,  
0.3093

54.1035, 0.3721,  
0.3093

44.5783, 0.3995,  
0.3033

65.6083, 0.3496,  
0.3155

36.9133, 0.4321,  
0.2982

79.1881, 0.3313,  
0.3216

30.9878, 0.4695,  
0.2947

94.9413, 0.3165,  
0.3274

26.6640, 0.5099,  
0.2941

99.9939, 0.3127,  
0.3290

■ 23.7824, 0.5499,  
0.2971

■ 22.1508, 0.5848,  
0.3041

■ 21.5559, 0.6046,  
0.3104

# Harmonies

## Analogous

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



54.1035, 0.3298, 0.2798



54.1035, 0.3721, 0.3093



54.1035, 0.3980, 0.3446

# Triad

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



54.1035, 0.3721, 0.3093



54.1035, 0.3356, 0.4082



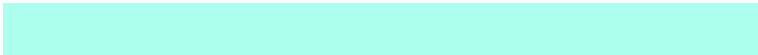
54.1035, 0.2329, 0.2723

# Complementary

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



54.1035, 0.3721, 0.3093



86.2150, 0.2748, 0.3500

# 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.



54.1035, 0.2343, 0.3036



54.1035, 0.3721, 0.3093



54.1035, 0.2916, 0.3870

# Square

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



54.1035, 0.3721, 0.3093



54.1035, 0.3751, 0.4035



54.1035, 0.2550, 0.3465



54.1035, 0.2508, 0.2582



# Rectangle

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



54.1035, 0.3721, 0.3093



54.1035, 0.4014, 0.3680



54.1035, 0.2550, 0.3465



54.1035, 0.2312, 0.2810

# Sweetspot

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



54.1061, 0.3721, 0.3093



83.5893, 0.3266, 0.3234



54.0791, 0.3010, 0.2430



17.4361, 0.3288, 0.3225



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.



54.1061, 0.3721, 0.3093



47.1797, 0.3910, 0.3050



62.5154, 0.3821, 0.3526



18.0543, 0.3259, 0.3236



11.2851, 0.6007, 0.3083



1.1145, 0.5699, 0.2913



# Inverse Universe

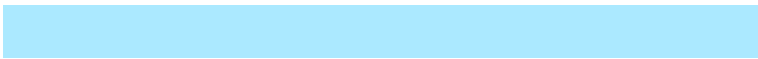
The Inverse Universe completely reimagines the original color for something new.



54.1061, 0.3721, 0.3093



47.1797, 0.3910, 0.3050



73.9199, 0.2625, 0.3039



18.0543, 0.3259, 0.3236



11.2851, 0.6007, 0.3083



1.1145, 0.5699, 0.2913



# Previews

## White Background



This preview shows how the Yxy color 54.1035, 0.3721, 0.3093 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

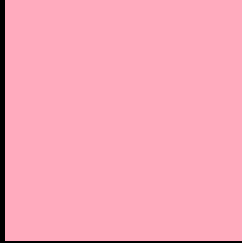
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.1035, 0.3721, 0.3093 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 54.1035, 0.3721, 0.3093**

## Background



This preview shows how black text looks on a background with the Yxy color 54.1035, 0.3721, 0.3093.



This preview shows how white text looks on a background with the Yxy color 54.1035, 0.3721, 0.3093.

# 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

54.1035, 0.3721, 0.3093

### Protanopia

54.6311, 0.3077, 0.3181

### Deuteranopia

54.1532, 0.3371, 0.3302



## Tritanopia

54.0787, 0.3756, 0.3155

# Trichromacy



## Original Color

54.1035, 0.3721, 0.3093



## Protanomaly

53.9467, 0.3293, 0.3151



## Deuteranomaly

53.9097, 0.3494, 0.3223



## Tritanomaly

54.1637, 0.3738, 0.3134

# Monochromacy



## Original Color

54.1035, 0.3721, 0.3093



## 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 54.1035, 0.3721, 0.3093 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, 190)` looks like.

```
.text, #text, p{  
    color:rgb(255, 171, 190)  
}
```

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, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 171, 190) }
```

## Border

The CSS property to change the border of an element to Yxy 54.1035, 0.3721, 0.3093 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, 190) }
```

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

```
.border{ border-color:rgb(255, 171, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 171, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 171, 190);  
box-shadow:4px 4px 4px 4px rgb(255, 171,  
190) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.1035, 0.3721, 0.3093 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, 190) }
```

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

```
.background{ background-color: rgb(255,  
171, 190) }
```

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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