

# Converting Colors

Yxy(55.0424, 0.3863, 0.3313)

Have a look what the booklet for  
Yxy(55.0424, 0.3863, 0.3313)  
contains.

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# **Color**

**Yxy(54.9371, 0.3867, 0.3313)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAFAD
RGB	255, 175, 173
RGB Percent	100%, 69%, 68%
CMY	0.0000, 0.3138, 0.3215
CMYK	0.00, 0.31, 0.32, 0.00
HSL	1°, 100%, 84%
HSV	1°, 32%, 100%
XYZ	64.1237, 54.9371, 46.7620
YIQ	198.6920, 48.3220, 16.3380

# Conversions

## Conversions Part 2

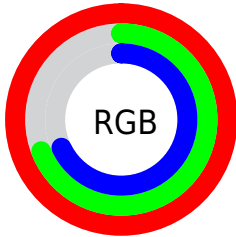
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 175, 173
Decimal	16756653
CIE <sub>Lab</sub>	79.01, 29.02, 12.91
CIE <sub>LCh</sub>	79, 31.763, 23.975
Yxy	54.9371, 0.3867, 0.3313
Android (android.graphics.Color)	4294946733 (0xFFFFAFAD)
YUV	198.6920, -12.6662, 49.3821
Hunter-Lab	74.1196, 24.7180, 14.4776

# Details

The Yxy color **54.9371, 0.3867, 0.3313** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **86.3676, 0.2664, 0.3267**, and the grayscale version is **56.9667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0133, 0.3313, 0.3320**, and **27.0353, 0.4057, 0.3306** is the 20% darker color. If you saturate the color by 10%, you get **45.2283, 0.4219, 0.3320**, and if you desaturate by 10%, it is **66.6096, 0.3579, 0.3305**.

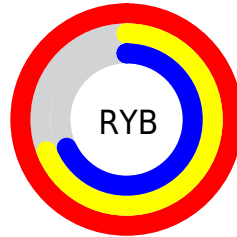
# Distribution



Red (100%)

Green (69%)

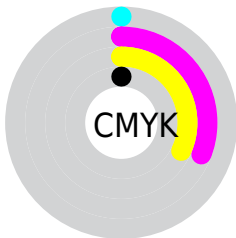
Blue (68%)



Red (100%)

Yellow (69%)

Blue (68%)

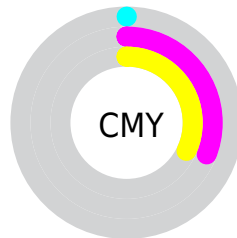


Cyan (0%)

Magenta (31%)

Yellow (32%)

Black (0%)



Cyan (0%)

Magenta (31%)


Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.9371, 0.3867, 0.3313 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 54.9371, 0.3867, 0.3313 by changing the saturation by 10% instead.





 54.9371, 0.3867,  
0.3313

 54.9371, 0.3867,  
0.3313


405.6735, 0.3504,  
0.3311

 39.3514, 0.3955,  
0.3311


 97.4488, 0.3737,  
0.3314

 27.0332, 0.4067,  
0.3306


125.1435, 0.3687,  
0.3314

 17.5981, 0.4214,  
0.3298


157.6434, 0.3645,  
0.3314

 10.6619, 0.4412,  
0.3283

195.3328, 0.3609,  
0.3314

 5.8399, 0.4696,  
0.3252

238.5961, 0.3577,  
0.3313

 2.7480, 0.5131,  
0.3184

287.8177, 0.3550,

 1.0016, 0.6217,

0.3312

0.3199

343.3820, 0.3525,  
0.3312

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.9371, 0.3867,  
0.3313

54.9371, 0.3867,  
0.3313

45.2283, 0.4219,  
0.3320

66.6096, 0.3579,  
0.3305

37.3882, 0.4637,  
0.3327

80.3604, 0.3347,  
0.3298

31.2927, 0.5105,  
0.3331

96.2784, 0.3162,  
0.3291

26.8087, 0.5581,  
0.3330

100.0000, 0.3127,  
0.3290

■ 23.7834, 0.5995,  
0.3325

■ 22.0354, 0.6277,  
0.3315

■ 21.3937, 0.6389,  
0.3309

# Harmonies

## Analogous

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



54.9371, 0.3552, 0.2990



54.9371, 0.3867, 0.3313



54.9371, 0.3967, 0.3651

# Triad

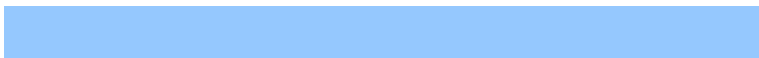
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.9371, 0.3867, 0.3313



54.9371, 0.3081, 0.3937



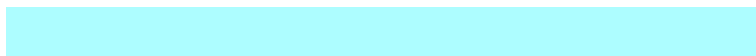
54.9371, 0.2456, 0.2649

# Complementary

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



54.9371, 0.3867, 0.3313



86.3676, 0.2664, 0.3267

# 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.



54.9371, 0.2353, 0.2847



54.9371, 0.3867, 0.3313



54.9371, 0.2696, 0.3609

# Square

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



54.9371, 0.3867, 0.3313



54.9371, 0.3496, 0.4049



54.9371, 0.2436, 0.3196



54.9371, 0.2731, 0.2618



# Rectangle

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



54.9371, 0.3867, 0.3313



54.9371, 0.3897, 0.3847



54.9371, 0.2436, 0.3196



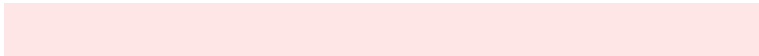
54.9371, 0.2402, 0.2696

# Sweetspot

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



54.9324, 0.3867, 0.3313



83.6034, 0.3304, 0.3297



58.2819, 0.3175, 0.2500



17.4393, 0.3332, 0.3298



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.



54.9324, 0.3867, 0.3313



48.0827, 0.4101, 0.3318



73.0668, 0.3733, 0.3727



18.0573, 0.3294, 0.3296



11.2091, 0.6384, 0.3313



1.1151, 0.6344, 0.3345



# Inverse Universe

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



86.3676, 0.2664, 0.3267



84.2397, 0.2582, 0.3262



63.5109, 0.2607, 0.2807



20.4017, 0.2980, 0.3284



39.1563, 0.2226, 0.3214

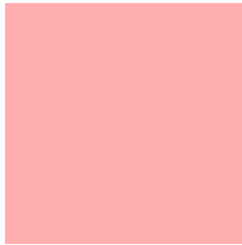


3.8354, 0.2229, 0.3223



# Previews

## White Background



This preview shows how the Yxy color 54.9371, 0.3867, 0.3313 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

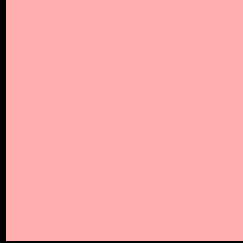
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.9371, 0.3867, 0.3313 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

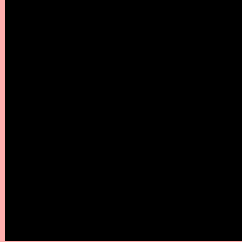
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 54.9371, 0.3867, 0.3313**

## Background



This preview shows how black text looks on a background with the Yxy color 54.9371, 0.3867, 0.3313.



This preview shows how white text looks on a background with the Yxy color 54.9371, 0.3867, 0.3313.

# 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

54.9371, 0.3867, 0.3313

### Protanopia

55.0475, 0.3267, 0.3424

### Deuteranopia

55.1448, 0.3578, 0.3511



## Tritanopia

55.0773, 0.3750, 0.3166

# Trichromacy



## Original Color

54.9371, 0.3867, 0.3313



## Protanomaly

54.6339, 0.3471, 0.3384



## Deuteranomaly

54.8834, 0.3680, 0.3438



## Tritanomaly

54.8683, 0.3796, 0.3218

# Monochromacy



## Original Color

54.9371, 0.3867, 0.3313



## Achromatopsia

57.1125, 0.3127, 0.3290



## Achromatomaly

55.6047, 0.3369, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.9371, 0.3867, 0.3313 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, 175, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 173)  
}
```

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, 175, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 173) }
```

## Border

The CSS property to change the border of an element to Yxy 54.9371, 0.3867, 0.3313 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, 175, 173) }
```

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

```
.border{ border-color:rgb(255, 175, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
173) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.9371, 0.3867, 0.3313 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 173) }
```

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

```
.background{ background-color: rgb(255,  
175, 173) }
```

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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