

# Converting Colors

$Yxy(60.1611, 0.4188, 0.3345)$

Have a look what the booklet for  
Yxy(60.1611, 0.4188, 0.3345)  
contains.

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# Color

**Yxy(53.9372, 0.3929, 0.3356)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFADA7
RGB	255, 173, 167
RGB Percent	100%, 68%, 65%
CMY	0.0002, 0.3215, 0.3451
CMYK	0.00, 0.32, 0.35, 0.00
HSL	4°, 100%, 83%
HSV	4°, 35%, 100%
XYZ	63.1464, 53.9372, 43.6351
YIQ	196.8340, 50.7980, 15.5180

# Conversions

## Conversions Part 2

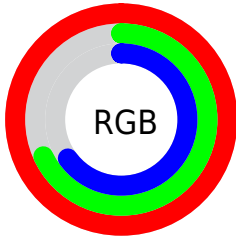
Format	Color
R <sub>Y</sub> B	255, 173, 167
Decimal	16756135
CIE Lab	78.43, 29.28, 15.35
CIE LCh	78, 33.062, 27.660
Yxy	53.9372, 0.3929, 0.3356
Android (android.graphics.Color)	4294946215 (0xFFFFADA7)
YUV	196.8340, -14.7082, 51.0116
Hunter-Lab	73.4419, 24.9533, 16.1825

# Details

The Yxy color **53.9372, 0.3929, 0.3356** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.1320, 0.2629, 0.3222**, and the grayscale version is **55.7979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.5725, 0.3355, 0.3360**, and **26.4065, 0.4145, 0.3360** is the 20% darker color. If you saturate the color by 10%, you get **44.7746, 0.4286, 0.3375**, and if you desaturate by 10%, it is **64.9091, 0.3634, 0.3336**.

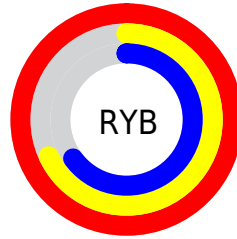
# Distribution



Red (100%)

Green (68%)

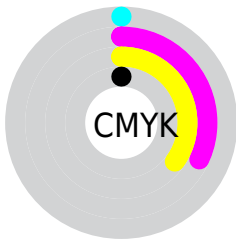
Blue (65%)



Red (100%)

Yellow (68%)

Blue (65%)

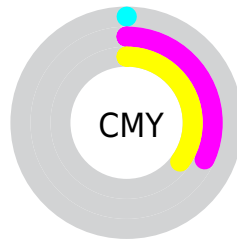


Cyan (0%)

Magenta (32%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (32%)


Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.9372, 0.3929, 0.3356 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 53.9372, 0.3929, 0.3356 by changing the saturation by 10% instead.





 53.9372, 0.3929,  
0.3356


 53.9372, 0.3929,  
0.3356


401.8705, 0.3534,  
0.3335

 38.5515, 0.4025,  
0.3358


 95.9820, 0.3787,  
0.3351

 26.4110, 0.4148,  
0.3358


 123.4099, 0.3733,  
0.3349

 17.1313, 0.4307,  
0.3355


155.6206, 0.3687,  
0.3346

 10.3282, 0.4524,  
0.3345

192.9986, 0.3648,  
0.3344

 5.6171, 0.4834,  
0.3319

235.9281, 0.3614,  
0.3341

 2.6137, 0.5305,  
0.3252

284.7937, 0.3584,

 0.9335, 0.6650,

0.3339

339.9797, 0.3557,  
0.3337

0.3350

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.9372, 0.3929,  
0.3356

53.9372, 0.3929,  
0.3356

44.7746, 0.4286,  
0.3375

64.9091, 0.3634,  
0.3336

37.3170, 0.4703,  
0.3390

77.7721, 0.3395,  
0.3316

31.4611, 0.5163,  
0.3397

92.6121, 0.3201,  
0.3298

27.0895, 0.5623,  
0.3392

99.9922, 0.3127,  
0.3290

■ 24.0687, 0.6017,  
0.3373

■ 22.2410, 0.6280,  
0.3343

■ 21.6691, 0.6364,  
0.3329

# Harmonies

## Analogous

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



53.9372, 0.3621, 0.3014



53.9372, 0.3929, 0.3356



53.9372, 0.4001, 0.3705

# Triad

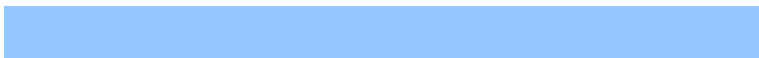
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.9372, 0.3929, 0.3356



53.9372, 0.3024, 0.3939



53.9372, 0.2453, 0.2607

# Complementary

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



53.9372, 0.3929, 0.3356



83.1320, 0.2629, 0.3222

# 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.



53.9372, 0.2322, 0.2791



53.9372, 0.3929, 0.3356



53.9372, 0.2634, 0.3572

# Square

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



53.9372, 0.3929, 0.3356



53.9372, 0.3460, 0.4086



53.9372, 0.2384, 0.3138



53.9372, 0.2758, 0.2597



# Rectangle

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



53.9372, 0.3929, 0.3356



53.9372, 0.3907, 0.3904



53.9372, 0.2384, 0.3138



53.9372, 0.2388, 0.2648

# Sweetspot

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



53.9398, 0.3929, 0.3356



84.2376, 0.3302, 0.3308



55.7304, 0.3213, 0.2482



17.5911, 0.3330, 0.3310



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.



53.9398, 0.3929, 0.3356



47.8041, 0.4154, 0.3369



73.5840, 0.3772, 0.3803



18.1872, 0.3293, 0.3307



11.4001, 0.6352, 0.3338



1.1767, 0.6244, 0.3424



# Inverse Universe

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



83.1320, 0.2629, 0.3222



80.7712, 0.2550, 0.3208



59.1459, 0.2561, 0.2713



20.2552, 0.2980, 0.3273



35.6598, 0.2187, 0.3074



3.5337, 0.2195, 0.3100



# Previews

## White Background



This preview shows how the Yxy color 53.9372, 0.3929, 0.3356 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 53.9372, 0.3929, 0.3356 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 53.9372, 0.3929, 0.3356**

## Background



This preview shows how black text looks on a background with the Yxy color 53.9372, 0.3929, 0.3356.



This preview shows how white text looks on a background with the Yxy color 53.9372, 0.3929, 0.3356.

# 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

53.9372, 0.3929, 0.3356

### Protanopia

54.3545, 0.3315, 0.3486

### Deuteranopia

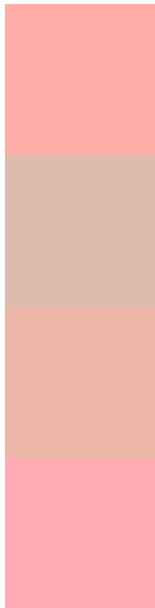
54.0683, 0.3634, 0.3559



## Tritanopia

53.8465, 0.3777, 0.3155

# Trichromacy



## Original Color

53.9372, 0.3929, 0.3356

## Protanomaly

53.5460, 0.3526, 0.3431

## Deuteranomaly

53.8347, 0.3738, 0.3483

## Tritanomaly

53.9794, 0.3830, 0.3229

# Monochromacy



## Original Color

53.9372, 0.3929, 0.3356

## Achromatopsia

55.8340, 0.3127, 0.3290

## Achromatomaly

54.4170, 0.3396, 0.3314

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.9372, 0.3929, 0.3356 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, 173, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 173, 167)  
}
```

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, 173, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 173, 167) }
```

## Border

The CSS property to change the border of an element to Yxy 53.9372, 0.3929, 0.3356 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, 173, 167) }
```

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

```
.border{ border-color:rgb(255, 173, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 173, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 173, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 173, 167);  
box-shadow:4px 4px 4px 4px rgb(255, 173,  
167) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.9372, 0.3929, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 173, 167) }
```

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

```
.background{ background-color: rgb(255,  
173, 167) }
```

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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