

# Converting Colors

Yxy(54.6439, 0.3888, 0.3330)

Have a look what the booklet for  
Yxy(54.6439, 0.3888, 0.3330)  
contains.

<b>Yxy(54.4724, 0.3889, 0.3324)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# **Color**

**Yxy(54.4724, 0.3889, 0.3324)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFAEAB
RGB	255, 174, 171
RGB Percent	100%, 68%, 67%
CMY	0.0000, 0.3177, 0.3295
CMYK	0.00, 0.32, 0.33, 0.00
HSL	2°, 100%, 84%
HSV	2°, 33%, 100%
XYZ	63.7314, 54.4724, 45.6723
YIQ	197.8770, 49.2390, 16.2390

# Conversions

## Conversions Part 2

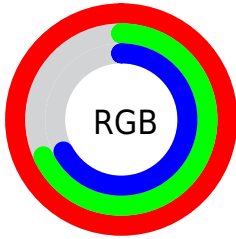
Format	Color
<b>R<sub>YB</sub></b>	255, 174, 171
Decimal	16756395
CIE <sub>Lab</sub>	78.74, 29.28, 13.63
CIE <sub>LCh</sub>	79, 32.299, 24.951
Yxy	54.4724, 0.3889, 0.3324
Android (android.graphics.Color)	4294946475 (0xFFFFAEAB)
YUV	197.8770, -13.2504, 50.0969
Hunter-Lab	73.8054, 24.9763, 14.9740

# Details

The Yxy color **54.4724, 0.3889, 0.3324** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.4850, 0.2652, 0.3256**, and the grayscale version is **56.4495, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.3446, 0.3327, 0.3330**, and **26.7424, 0.4088, 0.3320** is the 20% darker color. If you saturate the color by 10%, you get **44.9451, 0.4244, 0.3334**, and if you desaturate by 10%, it is **65.9219, 0.3598, 0.3313**.

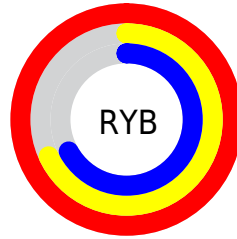
# Distribution



Red (100%)

Green (68%)

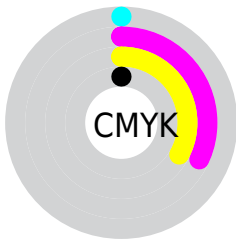
Blue (67%)



Red (100%)

Yellow (68%)

Blue (67%)

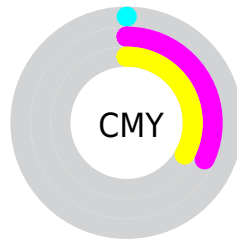


Cyan (0%)

Magenta (32%)

Yellow (33%)

Black (0%)



Cyan (0%)

Magenta (32%)

Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.4724, 0.3889, 0.3324 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 54.4724, 0.3889, 0.3324 by changing the saturation by 10% instead.





 54.4724, 0.3889,  
0.3324

 54.4724, 0.3889,  
0.3324


403.9089, 0.3514,  
0.3318

 38.9795, 0.3980,  
0.3323

 96.7675, 0.3754,  
0.3324

 26.7438, 0.4096,  
0.3319


124.3385, 0.3703,  
0.3323

 17.3809, 0.4247,  
0.3312


156.7042, 0.3660,  
0.3322

 10.5064, 0.4453,  
0.3298

194.2492, 0.3623,  
0.3321

 5.7360, 0.4747,  
0.3268

237.3577, 0.3590,  
0.3320

 2.6852, 0.5196,  
0.3199

286.4143, 0.3562,

 0.9697, 0.6407,

0.3319

0.3255

341.8032, 0.3537,  
0.3319

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.4724, 0.3889,  
0.3324

54.4724, 0.3889,  
0.3324

44.9451, 0.4244,  
0.3334

65.9219, 0.3598,  
0.3313

37.2396, 0.4663,  
0.3343

79.3966, 0.3363,  
0.3303

31.2383, 0.5129,  
0.3348

94.9858, 0.3175,  
0.3293

26.8118, 0.5601,  
0.3346

100.0000, 0.3127,  
0.3290

■ 23.8124, 0.6008,  
0.3337

■ 22.0644, 0.6282,  
0.3322

■ 21.4589, 0.6383,  
0.3314

# Harmonies

## Analogous

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



54.4724, 0.3573, 0.2994



54.4724, 0.3889, 0.3324



54.4724, 0.3982, 0.3667

# Triad

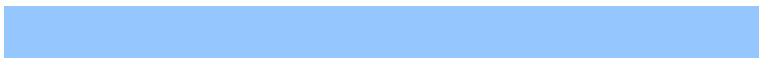
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.4724, 0.3889, 0.3324



54.4724, 0.3066, 0.3943



54.4724, 0.2451, 0.2633

# Complementary

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



54.4724, 0.3889, 0.3324



85.4850, 0.2652, 0.3256

# 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.



54.4724, 0.2339, 0.2829



54.4724, 0.3889, 0.3324



54.4724, 0.2677, 0.3602

# Square

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



54.4724, 0.3889, 0.3324



54.4724, 0.3489, 0.4064



54.4724, 0.2417, 0.3180



54.4724, 0.2735, 0.2608



# Rectangle

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



54.4724, 0.3889, 0.3324



54.4724, 0.3905, 0.3866



54.4724, 0.2417, 0.3180



54.4724, 0.2393, 0.2679

# Sweetspot

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



54.4706, 0.3889, 0.3324



83.7706, 0.3303, 0.3300



57.4189, 0.3187, 0.2493



17.4793, 0.3331, 0.3301



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.



54.4706, 0.3889, 0.3324



47.5603, 0.4132, 0.3332



73.2038, 0.3747, 0.3752



18.0915, 0.3294, 0.3299



11.2579, 0.6376, 0.3319



1.1313, 0.6317, 0.3366



# Inverse Universe

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



85.4850, 0.2652, 0.3256



83.1967, 0.2568, 0.3248



62.0621, 0.2592, 0.2776



20.3629, 0.2980, 0.3281



38.2116, 0.2216, 0.3177

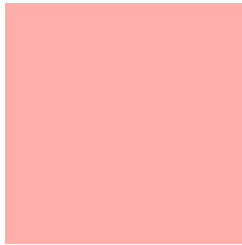


3.7541, 0.2220, 0.3191



# Previews

## White Background



This preview shows how the Yxy color 54.4724, 0.3889, 0.3324 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

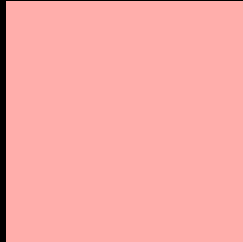
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.4724, 0.3889, 0.3324 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 54.4724, 0.3889, 0.3324**

## Background



This preview shows how black text looks on a background with the Yxy color 54.4724, 0.3889, 0.3324.



This preview shows how white text looks on a background with the Yxy color 54.4724, 0.3889, 0.3324.

# 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

54.4724, 0.3889, 0.3324

### Protanopia

54.9642, 0.3282, 0.3448

### Deuteranopia

54.6409, 0.3597, 0.3523



## Tritanopia

54.6499, 0.3762, 0.3166

# Trichromacy



## Original Color

54.4724, 0.3889, 0.3324



## Protanomaly

54.1272, 0.3490, 0.3396



## Deuteranomaly

54.3937, 0.3700, 0.3449



## Tritanomaly

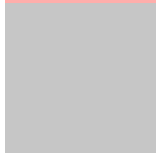
54.4424, 0.3808, 0.3218

# Monochromacy



## Original Color

54.4724, 0.3889, 0.3324



## Achromatopsia

56.4712, 0.3127, 0.3290



## Achromatomaly

55.0861, 0.3386, 0.3302

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.4724, 0.3889, 0.3324 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, 174, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 174, 171)  
}
```

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, 174, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 174, 171) }
```

## Border

The CSS property to change the border of an element to Yxy 54.4724, 0.3889, 0.3324 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, 174, 171) }
```

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

```
.border{ border-color:rgb(255, 174, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 174, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 174, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 174, 171); box-shadow:4px 4px 4px 4px rgb(255, 174, 171) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.4724, 0.3889, 0.3324 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 174, 171) }
```

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

```
.background{ background-color: rgb(255,  
174, 171) }
```

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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