

# Converting Colors

$Yxy(54.2769, 0.3847, 0.3356)$

Have a look what the booklet for  
Yxy(54.2769, 0.3847, 0.3356)  
contains.

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# Color

**Yxy(54.2769, 0.3847, 0.3356)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAB0AA
RGB	250, 176, 170
RGB Percent	98%, 69%, 67%
CMY	0.0194, 0.3099, 0.3333
CMYK	0.00, 0.30, 0.32, 0.02
HSL	4°, 89%, 82%
HSV	4°, 32%, 98%
XYZ	62.2179, 54.2769, 45.2361
YIQ	197.4420, 46.0300, 13.8220

# Conversions

## Conversions Part 2

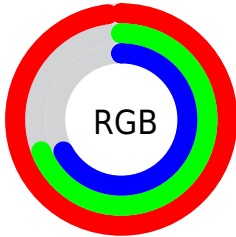
Format	Color
R <sub>Y</sub> B	250, 176, 170
Decimal	16429226
CIE Lab	78.62, 26.28, 13.91
CIE LCh	79, 29.735, 27.887
Yxy	54.2769, 0.3847, 0.3356
Android (android.graphics.Color)	4294619306 (0xFFFA0AA)
YUV	197.4420, -13.5289, 46.0934
Hunter-Lab	73.6729, 21.8186, 15.1661

# Details

The Yxy color **54.2769, 0.3847, 0.3356** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.2003, 0.2661, 0.3222**, and the grayscale version is **56.1812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.4095, 0.3331, 0.3360**, and **26.6804, 0.4043, 0.3362** is the 20% darker color. If you saturate the color by 10%, you get **45.1082, 0.4186, 0.3377**, and if you desaturate by 10%, it is **65.1773, 0.3568, 0.3334**.

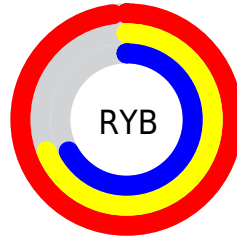
# Distribution



Red (98%)

Green (69%)

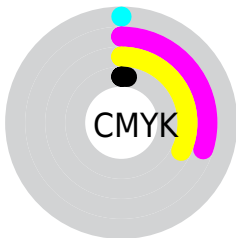
Blue (67%)



Red (98%)

Yellow (69%)

Blue (67%)

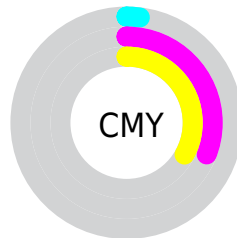


Cyan (0%)

Magenta (30%)

Yellow (32%)

Black (2%)



Cyan (2%)

Magenta (31%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 54.2769, 0.3847, 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 54.2769, 0.3847, 0.3356 by changing the saturation by 10% instead.





 54.2769, 0.3847,  
0.3356

 54.2769, 0.3847,  
0.3356


403.1650, 0.3493,  
0.3333

 38.8231, 0.3933,  
0.3359


 96.4807, 0.3720,  
0.3350

 26.6221, 0.4043,  
0.3361


123.9995, 0.3671,  
0.3347

 17.2896, 0.4186,  
0.3361


156.3087, 0.3630,  
0.3344

 10.4412, 0.4382,  
0.3356

193.7927, 0.3595,  
0.3342

 5.6925, 0.4661,  
0.3340

236.8359, 0.3564,  
0.3339

 2.6590, 0.5090,  
0.3292

285.8228, 0.3538,

 0.9564, 0.6330,

0.3337

0.3429

341.1377, 0.3514,  
0.3335

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

54.2769, 0.3847,  
0.3356

54.2769, 0.3847,  
0.3356

45.1082, 0.4186,  
0.3377

65.1773, 0.3568,  
0.3334

37.5749, 0.4587,  
0.3394

77.8840, 0.3342,  
0.3313

31.5829, 0.5036,  
0.3405

92.4765, 0.3159,  
0.3294

27.0257, 0.5500,  
0.3403

99.0718, 0.3097,  
0.3290

■ 23.7828, 0.5917,  
0.3387

■ 21.7144, 0.6220,  
0.3357

■ 20.7855, 0.6360,  
0.3332

# Harmonies

## Analogous

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



54.2769, 0.3573, 0.3044



54.2769, 0.3847, 0.3356



54.2769, 0.3911, 0.3671

# Triad

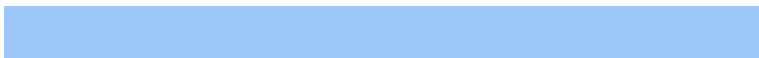
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



54.2769, 0.3847, 0.3356



54.2769, 0.3035, 0.3865



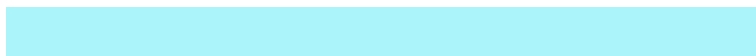
54.2769, 0.2520, 0.2673

# Complementary

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



54.2769, 0.3847, 0.3356



80.2003, 0.2661, 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.



54.2769, 0.2399, 0.2842



54.2769, 0.3847, 0.3356



54.2769, 0.2682, 0.3540

# Square

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



54.2769, 0.3847, 0.3356



54.2769, 0.3427, 0.4001



54.2769, 0.2455, 0.3155



54.2769, 0.2799, 0.2663



# Rectangle

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



54.2769, 0.3847, 0.3356



54.2769, 0.3827, 0.3848



54.2769, 0.2455, 0.3155



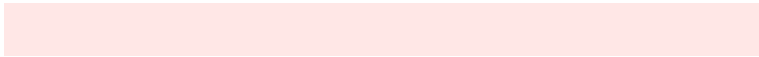
54.2769, 0.2460, 0.2711

# Sweetspot

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



54.2795, 0.3847, 0.3356



84.3217, 0.3302, 0.3309



55.6630, 0.3206, 0.2540



17.6112, 0.3330, 0.3312



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.



54.2795, 0.3847, 0.3356



50.7594, 0.4044, 0.3369



72.0220, 0.3716, 0.3765



17.4329, 0.3292, 0.3308



11.0964, 0.6347, 0.3343



1.0975, 0.6225, 0.3439



# Inverse Universe

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



80.2003, 0.2661, 0.3222



81.4963, 0.2585, 0.3208



58.9701, 0.2604, 0.2762



19.3740, 0.2980, 0.3272



34.1780, 0.2182, 0.3055



3.2296, 0.2190, 0.3085



# Previews

## White Background



This preview shows how the Yxy color 54.2769, 0.3847, 0.3356 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

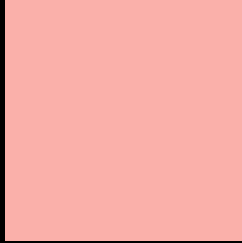
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 54.2769, 0.3847, 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 54.2769, 0.3847, 0.3356**

## Background



This preview shows how black text looks on a background with the Yxy color 54.2769, 0.3847, 0.3356.



This preview shows how white text looks on a background with the Yxy color 54.2769, 0.3847, 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

54.2769, 0.3847, 0.3356

### Protanopia

54.4354, 0.3299, 0.3461

### Deuteranopia

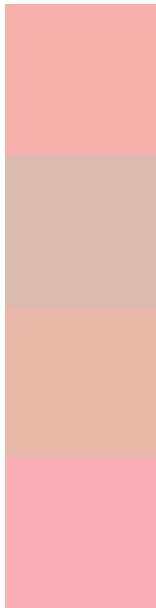
54.4816, 0.3589, 0.3524



## Tritanopia

54.1704, 0.3717, 0.3144

# Trichromacy



**Original Color**

54.2769, 0.3847, 0.3356

**Protanomaly**

53.7353, 0.3489, 0.3420

**Deuteranomaly**

54.4692, 0.3680, 0.3461

**Tritanomaly**

54.1175, 0.3761, 0.3217

# Monochromacy



**Original Color**

54.2769, 0.3847, 0.3356

**Achromatopsia**

55.8340, 0.3127, 0.3290

**Achromatomaly**

54.5820, 0.3369, 0.3314

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 54.2769, 0.3847, 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(250, 176, 170)` looks like.

```
.text, #text, p{  
    color:rgb(250, 176, 170)  
}
```

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(250, 176, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 176, 170) }
```

## Border

The CSS property to change the border of an element to Yxy 54.2769, 0.3847, 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(250, 176, 170) }
```

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

```
.border{ border-color:rgb(250, 176, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 176, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 176, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 176, 170);  
box-shadow:4px 4px 4px 4px rgb(250, 176,  
170) }
```



# Background

The CSS property to change the background color of an element to Yxy 54.2769, 0.3847, 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(250, 176, 170) }
```

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

```
.background{ background-color: rgb(250,  
176, 170) }
```

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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