

# Converting Colors

$Y_{xy}(53.7169, 0.3724, 0.3176)$

Have a look what the booklet for  
Yxy(53.7169, 0.3724, 0.3176)  
contains.

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# Color

**Yxy(53.6718, 0.3727, 0.3174)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FAADB8
RGB	250, 173, 184
RGB Percent	98%, 68%, 72%
CMY	0.0196, 0.3216, 0.2783
CMYK	0.00, 0.31, 0.26, 0.02
HSL	351°, 89%, 83%
HSV	351°, 31%, 98%
XYZ	63.0229, 53.6718, 52.4036
YIQ	197.2770, 42.3610, 19.7450

# Conversions

## Conversions Part 2

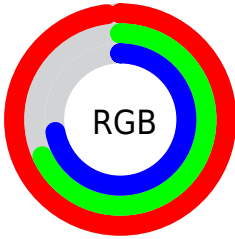
Format	Color
R <sub>Y</sub> B	250, 173, 184
Decimal	16428472
CIE Lab	78.27, 29.67, 5.80
CIE LCh	78, 30.229, 11.062
Yxy	53.6718, 0.3727, 0.3174
Android (android.graphics.Color)	4294618552 (0xFFFAADB8)
YUV	197.2770, -6.5456, 46.2381
Hunter-Lab	73.2610, 25.3481, 8.8726

# Details

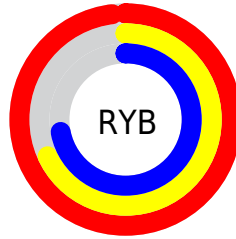
The Yxy color **53.6718, 0.3727, 0.3174** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **83.4873, 0.2738, 0.3412**, and the grayscale version is **56.0346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5899, 0.3236, 0.3182**, and **26.2781, 0.3891, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **44.1353, 0.4021, 0.3136**, and if you desaturate by 10%, it is **65.1431, 0.3487, 0.3213**.

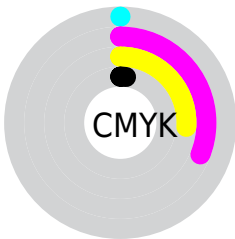
# Distribution



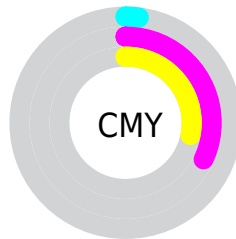
- Red (98%)
- Green (68%)
- Blue (72%)



- Red (98%)
- Yellow (68%)
- Blue (72%)



- Cyan (0%)
- Magenta (31%)
- Yellow (26%)
- Black (2%)




- Cyan (2%)
- Magenta (32%)
- Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.6718, 0.3727, 0.3174 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 53.6718, 0.3727, 0.3174 by changing the saturation by 10% instead.





 53.6718, 0.3727,  
0.3174

 53.6718, 0.3727,  
0.3174

400.8572, 0.3432,  
0.3235

 38.3393, 0.3799,  
0.3158


 95.5922, 0.3621,  
0.3197

 26.2462, 0.3890,  
0.3137


122.9489, 0.3581,  
0.3205

 17.0079, 0.4010,  
0.3109


155.0825, 0.3547,  
0.3212

 10.2401, 0.4173,  
0.3069

192.3773, 0.3518,  
0.3218

 5.5585, 0.4410,  
0.3007

235.2178, 0.3492,  
0.3223

 2.5785, 0.4778,  
0.2903

283.9884, 0.3470,

 0.9159, 0.5498,

0.3228

0.2735

339.0734, 0.3450,  
0.3231

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.6718, 0.3727,  
0.3174

53.6718, 0.3727,  
0.3174

44.1353, 0.4021,  
0.3136

65.1431, 0.3487,  
0.3213

36.4196, 0.4374,  
0.3103

78.6398, 0.3294,  
0.3251

30.4107, 0.4781,  
0.3082

94.2560, 0.3138,  
0.3287

25.9783, 0.5220,  
0.3080

99.0644, 0.3096,  
0.3290

■ 22.9734, 0.5649,  
0.3103

■ 21.2181, 0.6008,  
0.3153

■ 20.4507, 0.6239,  
0.3211

# Harmonies

## Analogous

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



53.6718, 0.3365, 0.2887



53.6718, 0.3727, 0.3174



53.6718, 0.3920, 0.3501

# Triad

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



53.6718, 0.3727, 0.3174



53.6718, 0.3259, 0.3984



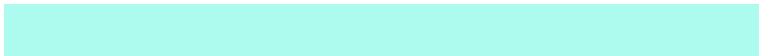
53.6718, 0.2417, 0.2737

# Complementary

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



53.6718, 0.3727, 0.3174



83.4873, 0.2738, 0.3412

# 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.



53.6718, 0.2395, 0.2996



53.6718, 0.3727, 0.3174



53.6718, 0.2863, 0.3750

# Square

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



53.6718, 0.3727, 0.3174



53.6718, 0.3634, 0.3992



53.6718, 0.2552, 0.3371



53.6718, 0.2615, 0.2637



# Rectangle

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



53.6718, 0.3727, 0.3174



53.6718, 0.3920, 0.3709



53.6718, 0.2552, 0.3371



53.6718, 0.2390, 0.2806

# Sweetspot

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



53.6743, 0.3727, 0.3174



85.0191, 0.3263, 0.3258



55.0456, 0.3071, 0.2500



17.7160, 0.3288, 0.3253



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.



53.6743, 0.3727, 0.3174



49.6901, 0.3904, 0.3150



64.6279, 0.3742, 0.3577



17.2657, 0.3271, 0.3256



10.8598, 0.6210, 0.3195



1.0177, 0.5932, 0.3041



# Inverse Universe

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



53.6743, 0.3727, 0.3174



49.6901, 0.3904, 0.3150



68.5899, 0.2648, 0.2983



17.2657, 0.3271, 0.3256



10.8598, 0.6210, 0.3195



1.0177, 0.5932, 0.3041



# Previews

## White Background



This preview shows how the Yxy color 53.6718, 0.3727, 0.3174 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 53.6718, 0.3727, 0.3174 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

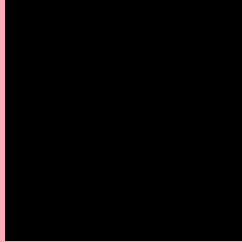
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.6718, 0.3727, 0.3174**

## **Background**



This preview shows how black text looks on a background with the Yxy color 53.6718, 0.3727, 0.3174.



This preview shows how white text looks on a background with the Yxy color 53.6718, 0.3727, 0.3174.

# 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

53.6718, 0.3727, 0.3174

### Protanopia

53.9504, 0.3144, 0.3266

### Deuteranopia

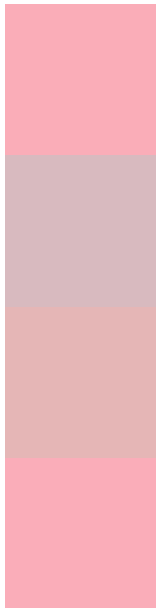
53.6286, 0.3430, 0.3361



## Tritanopia

53.7563, 0.3709, 0.3153

# Trichromacy



**Original Color**

53.6718, 0.3727, 0.3174

**Protanomaly**

53.4783, 0.3341, 0.3232

**Deuteranomaly**

53.4913, 0.3537, 0.3291

**Tritanomaly**

53.7139, 0.3718, 0.3164

# Monochromacy



**Original Color**

53.6718, 0.3727, 0.3174

**Achromatopsia**

55.8340, 0.3127, 0.3290

**Achromatomaly**

54.3711, 0.3330, 0.3244

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.6718, 0.3727, 0.3174 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, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(250, 173, 184)  
}
```

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, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 173, 184) }
```

## Border

The CSS property to change the border of an element to Yxy 53.6718, 0.3727, 0.3174 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, 173, 184) }
```

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

```
.border{ border-color:rgb(250, 173, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 173, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(250, 173,  
184) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.6718, 0.3727, 0.3174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 173, 184) }
```

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

```
.background{ background-color: rgb(250,  
173, 184) }
```

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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