

# Converting Colors

$Yxy(53.2301, 0.3706, 0.3178)$

Have a look what the booklet for  
Yxy(53.2301, 0.3706, 0.3178)  
contains.

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# **Color**

**Yxy(53.1220, 0.3701, 0.3173)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7ADB8
RGB	247, 173, 184
RGB Percent	97%, 68%, 72%
CMY	0.0312, 0.3216, 0.2784
CMYK	0.00, 0.30, 0.26, 0.03
HSL	351°, 82%, 82%
HSV	351°, 30%, 97%
XYZ	61.9617, 53.1220, 52.3351
YIQ	196.3800, 40.5730, 19.1090

# Conversions

## Conversions Part 2

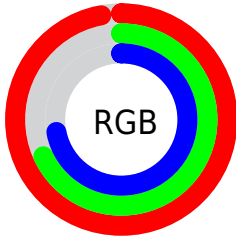
Format	Color
R <sub>Y</sub> B	247, 173, 184
Decimal	16231864
CIE Lab	77.95, 28.60, 5.31
CIE LCh	78, 29.088, 10.522
Yxy	53.1220, 0.3701, 0.3173
Android (android.graphics.Color)	4294421944 (0xFFF7ADB8)
YUV	196.3800, -6.1033, 44.3937
Hunter-Lab	72.8848, 24.2000, 8.4461

# Details

The Yxy color **53.1220, 0.3701, 0.3173** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **81.4826, 0.2749, 0.3413**, and the grayscale version is **55.4630, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.5899, 0.3236, 0.3182**, and **25.8905, 0.3855, 0.3139** is the 20% darker color. If you saturate the color by 10%, you get **43.6936, 0.3988, 0.3133**, and if you desaturate by 10%, it is **64.4379, 0.3467, 0.3214**.

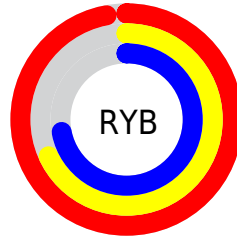
# Distribution



Red (97%)

Green (68%)

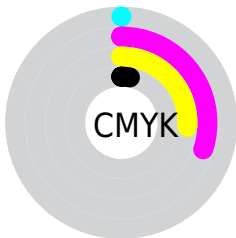
Blue (72%)



Red (97%)

Yellow (68%)

Blue (72%)

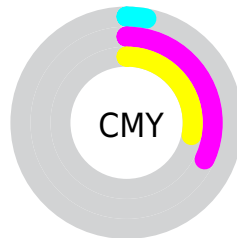


Cyan (0%)

Magenta (30%)

Yellow (26%)

Black (3%)



Cyan (3%)

Magenta (32%)


Yellow (28%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 53.1220, 0.3701, 0.3173 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 53.1220, 0.3701, 0.3173 by changing the saturation by 10% instead.





 53.1220, 0.3701,  
0.3173

 53.1220, 0.3701,  
0.3173


398.7530, 0.3419,  
0.3234

 37.9002, 0.3770,  
0.3157


 94.7839, 0.3599,  
0.3196

 25.9052, 0.3858,  
0.3136

121.9927, 0.3561,  
0.3204

 16.7527, 0.3973,  
0.3108


153.9660, 0.3528,  
0.3211

 10.0584, 0.4131,  
0.3069

191.0881, 0.3500,  
0.3217

 5.4377, 0.4359,  
0.3008

233.7435, 0.3476,  
0.3222

 2.5063, 0.4717,  
0.2905

282.3165, 0.3454,

 0.8798, 0.5429,

0.3227

0.2742

337.1915, 0.3435,  
0.3231

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

53.1220, 0.3701,  
0.3173

53.1220, 0.3701,  
0.3173

43.6936, 0.3988,  
0.3133

64.4379, 0.3467,  
0.3214

36.0427, 0.4333,  
0.3099

77.7284, 0.3278,  
0.3253

30.0596, 0.4733,  
0.3075

93.0843, 0.3127,  
0.3290

25.6193, 0.5168,  
0.3070

98.5202, 0.3078,  
0.3290

■ 22.5791, 0.5598,  
0.3091

■ 20.7694, 0.5967,  
0.3140

■ 19.9140, 0.6227,  
0.3204

■ 19.9122, 0.6227,  
0.3204

# Harmonies

## Analogous

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



53.1220, 0.3350, 0.2896



53.1220, 0.3701, 0.3173



53.1220, 0.3891, 0.3490

# Triad

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



53.1220, 0.3701, 0.3173



53.1220, 0.3262, 0.3961



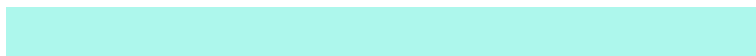
53.1220, 0.2438, 0.2759

# Complementary

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



53.1220, 0.3701, 0.3173



81.4826, 0.2749, 0.3413

# 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.



53.1220, 0.2420, 0.3013



53.1220, 0.3701, 0.3173



53.1220, 0.2879, 0.3739

# Square

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



53.1220, 0.3701, 0.3173



53.1220, 0.3623, 0.3966



53.1220, 0.2575, 0.3376



53.1220, 0.2627, 0.2658



# Rectangle

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



53.1220, 0.3701, 0.3173



53.1220, 0.3894, 0.3692



53.1220, 0.2575, 0.3376



53.1220, 0.2412, 0.2828

# Sweetspot

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



53.1245, 0.3701, 0.3173



85.0263, 0.3262, 0.3257



54.4214, 0.3073, 0.2522



17.7178, 0.3287, 0.3251



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.



53.1245, 0.3701, 0.3173



50.6939, 0.3869, 0.3149



63.6004, 0.3721, 0.3569



16.5227, 0.3270, 0.3255



10.5402, 0.6197, 0.3188



0.9383, 0.5898, 0.3023



# Inverse Universe

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



53.1245, 0.3701, 0.3173



50.6939, 0.3869, 0.3149



67.3761, 0.2661, 0.2992



16.5227, 0.3270, 0.3255



10.5402, 0.6197, 0.3188



0.9383, 0.5898, 0.3023



# Previews

## White Background



This preview shows how the Yxy color 53.1220, 0.3701, 0.3173 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

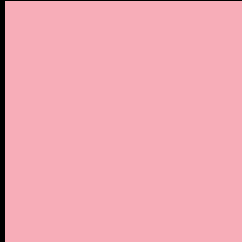
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 53.1220, 0.3701, 0.3173 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

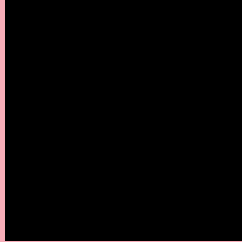
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 53.1220, 0.3701, 0.3173**

## Background



This preview shows how black text looks on a background with the Yxy color 53.1220, 0.3701, 0.3173.



This preview shows how white text looks on a background with the Yxy color 53.1220, 0.3701, 0.3173.

# 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

53.1220, 0.3701, 0.3173

### Protanopia

53.3752, 0.3137, 0.3253

### Deuteranopia

53.0941, 0.3415, 0.3338



## Tritanopia

53.2065, 0.3682, 0.3152

# Trichromacy



## Original Color

53.1220, 0.3701, 0.3173

## Protanomaly

52.9066, 0.3334, 0.3220

## Deuteranomaly

52.7975, 0.3513, 0.3268

## Tritanomaly

53.1641, 0.3691, 0.3162

# Monochromacy



## Original Color

53.1220, 0.3701, 0.3173

## Achromatopsia

55.2011, 0.3127, 0.3290

## Achromatomaly

54.2193, 0.3322, 0.3244

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 53.1220, 0.3701, 0.3173 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(247, 173, 184)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 173, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 173, 184) }
```

## Border

The CSS property to change the border of an element to Yxy 53.1220, 0.3701, 0.3173 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(247, 173, 184) }
```

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

```
.border{ border-color:rgb(247, 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(247, 173, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 173, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 173, 184);  
box-shadow:4px 4px 4px 4px rgb(247, 173,  
184) }
```



# Background

The CSS property to change the background color of an element to Yxy 53.1220, 0.3701, 0.3173 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 173, 184) }
```

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

```
.background{ background-color: rgb(247,  
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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