

# Converting Colors

$Yxy(52.5668, 0.3806, 0.3284)$

Have a look what the booklet for  
Yxy(52.5668, 0.3806, 0.3284)  
contains.

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# Color

**Yxy(52.2963, 0.3806, 0.3281)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7ACAD
RGB	247, 172, 173
RGB Percent	97%, 67%, 68%
CMY	0.0312, 0.3255, 0.3216
CMYK	0.00, 0.30, 0.30, 0.03
HSL	359°, 83%, 82%
HSV	359°, 30%, 97%
XYZ	60.6643, 52.2963, 46.4307
YIQ	194.5390, 44.3790, 16.2110

# Conversions

## Conversions Part 2

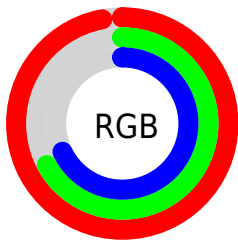
Format	Color
RYB	247, 172, 173
Decimal	16231597
CIELab	77.46, 27.66, 10.60
CIELCh	77, 29.621, 20.961
Yxy	52.2963, 0.3806, 0.3281
Android (android.graphics.Color)	4294421677 (0xFF7ACAD)
YUV	194.5390, -10.6187, 46.0083
Hunter-Lab	72.3162, 23.1861, 12.5541

# Details

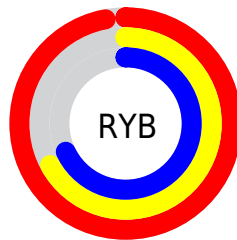
The Yxy color **52.2963, 0.3806, 0.3281** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **81.9731, 0.2694, 0.3300**, and the grayscale version is **54.3312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3482, 0.3316, 0.3291**, and **25.3929, 0.3990, 0.3265** is the 20% darker color. If you saturate the color by 10%, you get **42.8952, 0.4146, 0.3278**, and if you desaturate by 10%, it is **63.6222, 0.3530, 0.3284**.

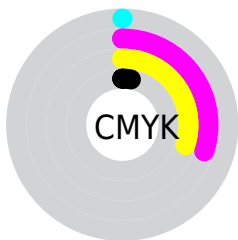
# Distribution



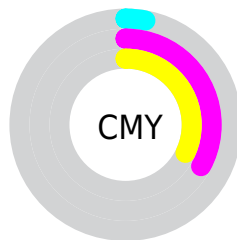
- Red (97%)
- Green (67%)
- Blue (68%)



- Red (97%)
- Yellow (67%)
- Blue (68%)



- Cyan (0%)
- Magenta (30%)
- Yellow (30%)
- Black (3%)




- Cyan (3%)
- Magenta (33%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 52.2963, 0.3806, 0.3281 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 52.2963, 0.3806, 0.3281 by changing the saturation by 10% instead.




 52.2963, 0.3806,  
0.3281

 52.2963, 0.3806,  
0.3281


395.5794, 0.3470,  
0.3293

 37.2413, 0.3889,  
0.3276


 93.5681, 0.3685,  
0.3287

 25.3944, 0.3994,  
0.3268


120.5536, 0.3639,  
0.3289

 16.3711, 0.4132,  
0.3256


152.2849, 0.3600,  
0.3290

 9.7872, 0.4322,  
0.3236

189.1461, 0.3567,  
0.3291

 5.2581, 0.4596,  
0.3199

231.5218, 0.3538,  
0.3292

 2.3995, 0.5026,  
0.3124

279.7963, 0.3512,

 0.8256, 0.6227,

0.3292

0.3166

334.3541, 0.3490,  
0.3293

0.0000, 1.0000,  
0.0000

0.0000, 0.0000,  
0.0000

52.2963, 0.3806,  
0.3281

52.2963, 0.3806,  
0.3281

42.8952, 0.4146,  
0.3278

63.6222, 0.3530,  
0.3284

35.3050, 0.4553,  
0.3277

76.9636, 0.3309,  
0.3287

29.4115, 0.5016,  
0.3276

92.4145, 0.3133,  
0.3290

25.0844, 0.5496,  
0.3278

98.5221, 0.3078,  
0.3290

■ 22.1745, 0.5930,  
0.3283

■ 20.5036, 0.6240,  
0.3290

■ 19.7895, 0.6391,  
0.3294

# Harmonies

## Analogous

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



52.2963, 0.3492, 0.2977



52.2963, 0.3806, 0.3281



52.2963, 0.3924, 0.3604

# Triad

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



52.2963, 0.3806, 0.3281



52.2963, 0.3125, 0.3922



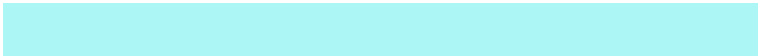
52.2963, 0.2472, 0.2693

# Complementary

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



52.2963, 0.3806, 0.3281



81.9731, 0.2694, 0.3300

# 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.



52.2963, 0.2390, 0.2899



52.2963, 0.3806, 0.3281



52.2963, 0.2751, 0.3629

# Square

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



52.2963, 0.3806, 0.3281



52.2963, 0.3515, 0.4006



52.2963, 0.2488, 0.3241



52.2963, 0.2719, 0.2646



# Rectangle

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



52.2963, 0.3806, 0.3281



52.2963, 0.3873, 0.3796



52.2963, 0.2488, 0.3241



52.2963, 0.2425, 0.2744

# Sweetspot

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



52.2988, 0.3806, 0.3281



84.8480, 0.3283, 0.3287



55.7731, 0.3153, 0.2531



17.6743, 0.3311, 0.3287



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.



52.2988, 0.3806, 0.3281



50.2217, 0.3991, 0.3280



68.0006, 0.3700, 0.3676



16.4861, 0.3292, 0.3287



10.4634, 0.6387, 0.3292



0.9209, 0.6350, 0.3272



# Inverse Universe

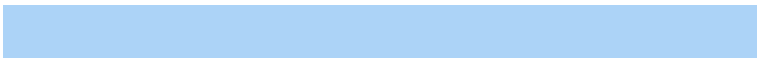
The Inverse Universe completely reimagines the original color for something new.



52.2988, 0.3806, 0.3281



50.2217, 0.3991, 0.3280



61.9593, 0.2641, 0.2869



16.4861, 0.3292, 0.3287



10.4634, 0.6387, 0.3292



0.9209, 0.6350, 0.3272



# Previews

## White Background



This preview shows how the Yxy color 52.2963, 0.3806, 0.3281 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

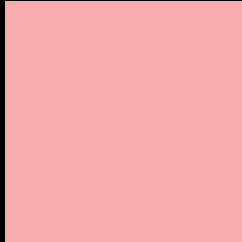
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 52.2963, 0.3806, 0.3281 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

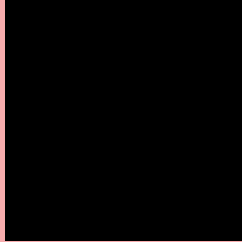
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 52.2963, 0.3806, 0.3281**

## Background



This preview shows how black text looks on a background with the Yxy color 52.2963, 0.3806, 0.3281.



This preview shows how white text looks on a background with the Yxy color 52.2963, 0.3806, 0.3281.

# 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

52.2963, 0.3806, 0.3281

### Protanopia

52.5508, 0.3238, 0.3389

### Deuteranopia

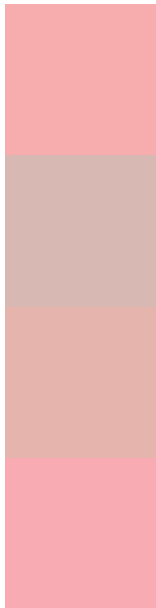
52.5436, 0.3527, 0.3457



## Tritanopia

52.1248, 0.3727, 0.3152

# Trichromacy



## Original Color

52.2963, 0.3806, 0.3281

## Protanomaly

51.9827, 0.3435, 0.3350

## Deuteranomaly

52.2791, 0.3629, 0.3383

## Tritanomaly

52.3370, 0.3762, 0.3206

# Monochromacy



## Original Color

52.2963, 0.3806, 0.3281

## Achromatopsia

54.5724, 0.3127, 0.3290

## Achromatomaly

53.4246, 0.3355, 0.3291

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 52.2963, 0.3806, 0.3281 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, 172, 173)` looks like.

```
.text, #text, p{  
    color:rgb(247, 172, 173)  
}
```

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, 172, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 172, 173) }
```

## Border

The CSS property to change the border of an element to Yxy 52.2963, 0.3806, 0.3281 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, 172, 173) }
```

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

```
.border{ border-color:rgb(247, 172, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 172, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 172, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 172, 173);  
box-shadow:4px 4px 4px 4px rgb(247, 172,  
173) }
```



# Background

The CSS property to change the background color of an element to Yxy 52.2963, 0.3806, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 172, 173) }
```

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

```
.background{ background-color: rgb(247,  
172, 173) }
```

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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