

# Converting Colors

$Yxy(60.9300, 0.3427, 0.2966)$

Have a look what the booklet for  
Yxy(60.9300, 0.3427, 0.2966)  
contains.

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# Color

**Yxy(60.8752, 0.3422, 0.2961)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FCBADA
RGB	252, 186, 218
RGB Percent	99%, 73%, 85%
CMY	0.0118, 0.2705, 0.1451
CMYK	0.00, 0.26, 0.13, 0.01
HSL	331°, 92%, 86%
HSV	331°, 26%, 99%
XYZ	70.3529, 60.8752, 74.3619
YIQ	209.3820, 29.0640, 23.9440

# Conversions

## Conversions Part 2

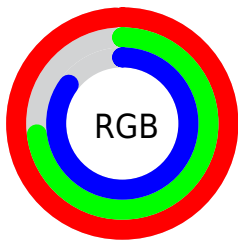
Format	Color
R <sub>Y</sub> B	252, 186, 218
Decimal	16562906
CIE Lab	82.31, 28.53, -6.62
CIE LCh	82, 29.293, 346.930
Yxy	60.8752, 0.3422, 0.2961
Android (android.graphics.Color)	4294752986 (0xFFFCBADA)
YUV	209.3820, 4.2487, 37.3760
Hunter-Lab	78.0226, 24.4139, -1.8924

# Details

The Yxy color  $60.8752, 0.3422, 0.2961$  is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be  $85.2204, 0.2908, 0.3645$ , and the grayscale version is  $63.9814, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $92.5812, 0.3133, 0.3175$ , and  $30.7490, 0.3501, 0.2881$  is the 20% darker color. If you saturate the color by 10%, you get  $50.5260, 0.3577, 0.2830$ , and if you desaturate by 10%, it is  $73.1552, 0.3292, 0.3091$ .

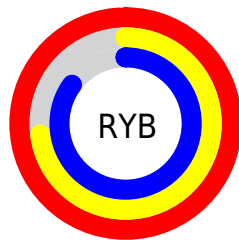
# Distribution



Red (99%)

Green (73%)

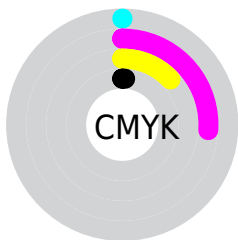
Blue (85%)



Red (99%)

Yellow (73%)

Blue (85%)

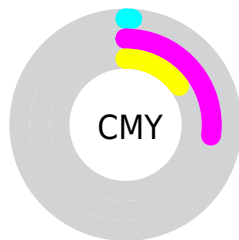


Cyan (0%)

Magenta (26%)

Yellow (13%)

Black (1%)



Cyan (1%)

Magenta (27%)


Yellow (15%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 60.8752, 0.3422, 0.2961 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 60.8752, 0.3422, 0.2961 by changing the saturation by 10% instead.



 60.8752, 0.3422,  
0.2961

 60.8752, 0.3422,  
0.2961


427.8163, 0.3283,  
0.3114

 44.1245, 0.3454,  
0.2926


 106.0982, 0.3373,  
0.3014

 30.7684, 0.3495,  
0.2882


135.3393, 0.3355,  
0.3035

 20.4225, 0.3546,  
0.2827


169.5126, 0.3338,  
0.3053

 12.7026, 0.3614,  
0.2754

209.0025, 0.3324,  
0.3068

 7.2240, 0.3709,  
0.2655

254.1934, 0.3312,  
0.3082

 3.6026, 0.3849,  
0.2510

305.4698, 0.3301,

 1.4538, 0.4076,

0.3094

0.2283

363.2159, 0.3292,  
0.3105

0.2559, 0.4861,  
0.1318

0.0000, 0.0000,  
0.0000

60.8752, 0.3422,  
0.2961

60.8752, 0.3422,  
0.2961

50.5260, 0.3577,  
0.2830

73.1552, 0.3292,  
0.3091

41.9999, 0.3761,  
0.2704

87.4501, 0.3184,  
0.3216

35.1910, 0.3972,  
0.2593

99.4327, 0.3109,  
0.3290

29.9792, 0.4208,  
0.2509

■ 26.2285, 0.4463,  
0.2464

■ 23.7799, 0.4723,  
0.2470

■ 22.4361, 0.4973,  
0.2531

■ 22.1008, 0.5066,  
0.2565

# Harmonies

## Analogous

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



60.8752, 0.3041, 0.2760



60.8752, 0.3422, 0.2961



60.8752, 0.3734, 0.3242

# Triad

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



60.8752, 0.3422, 0.2961



60.8752, 0.3538, 0.3957



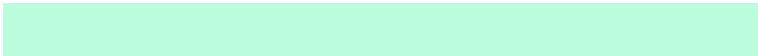
60.8752, 0.2434, 0.2961

# Complementary

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



60.8752, 0.3422, 0.2961



85.2204, 0.2908, 0.3645

# 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.



60.8752, 0.2550, 0.3294



60.8752, 0.3422, 0.2961



60.8752, 0.3177, 0.3905

# Square

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



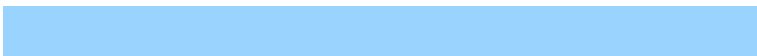
60.8752, 0.3422, 0.2961



60.8752, 0.3798, 0.3814



60.8752, 0.2817, 0.3653



60.8752, 0.2489, 0.2745



# Rectangle

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



60.8752, 0.3422, 0.2961



60.8752, 0.3851, 0.3448



60.8752, 0.2817, 0.3653



60.8752, 0.2454, 0.3062

# Sweetspot

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



60.8780, 0.3422, 0.2961



87.0091, 0.3202, 0.3194



57.2114, 0.2908, 0.2585



18.1338, 0.3218, 0.3175



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.



60.8780, 0.3422, 0.2961



57.1595, 0.3494, 0.2897



59.3625, 0.3691, 0.3292



17.3654, 0.3218, 0.3176



11.5436, 0.5028, 0.2543



1.0905, 0.4753, 0.2392



# Inverse Universe

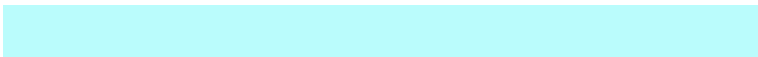
The Inverse Universe completely reimagines the original color for something new.



60.8780, 0.3422, 0.2961



57.1595, 0.3494, 0.2897



87.0797, 0.2743, 0.3289



17.3654, 0.3218, 0.3176



11.5436, 0.5028, 0.2543



1.0905, 0.4753, 0.2392



# Previews

## White Background



This preview shows how the Yxy color 60.8752, 0.3422, 0.2961 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

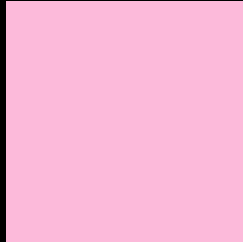
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 60.8752, 0.3422, 0.2961 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

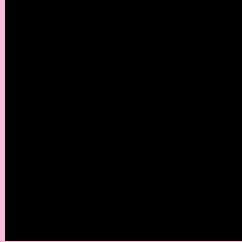
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 60.8752, 0.3422, 0.2961**

## Background



This preview shows how black text looks on a background with the Yxy color 60.8752, 0.3422, 0.2961.



This preview shows how white text looks on a background with the Yxy color 60.8752, 0.3422, 0.2961.

# 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

60.8752, 0.3422, 0.2961

### Protanopia

61.3994, 0.2941, 0.3005

### Deuteranopia

61.0204, 0.3167, 0.3100



## Tritanopia

61.0310, 0.3524, 0.3144

# Trichromacy



## Original Color

60.8752, 0.3422, 0.2961



## Protanomaly

60.5844, 0.3103, 0.2981



## Deuteranomaly

60.7491, 0.3258, 0.3041



## Tritanomaly

61.0297, 0.3493, 0.3082

# Monochromacy



## Original Color

60.8752, 0.3422, 0.2961



## Achromatopsia

63.7597, 0.3127, 0.3290



## Achromatomaly

62.5343, 0.3234, 0.3169

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 60.8752, 0.3422, 0.2961 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(252, 186, 218)` looks like.

```
.text, #text, p{  
    color:rgb(252, 186, 218)  
}
```

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(252, 186, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 186, 218) }
```

## Border

The CSS property to change the border of an element to Yxy 60.8752, 0.3422, 0.2961 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(252, 186, 218) }
```

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

```
.border{ border-color:rgb(252, 186, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 186, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 186, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 186, 218);  
box-shadow:4px 4px 4px 4px rgb(252, 186,  
218) }
```



# Background

The CSS property to change the background color of an element to Yxy 60.8752, 0.3422, 0.2961 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 186, 218) }
```

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

```
.background{ background-color: rgb(252,  
186, 218) }
```

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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