

# Converting Colors

$Y_{xy}(75.4270, 0.3311, 0.3239)$

Have a look what the booklet for  
Yxy(75.4270, 0.3311, 0.3239)  
contains.

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# Color

**Yxy(75.4270, 0.3311, 0.3239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8DADF
RGB	248, 218, 223
RGB Percent	97%, 85%, 87%
CMY	0.0275, 0.1451, 0.1253
CMYK	0.00, 0.12, 0.10, 0.03
HSL	350°, 68%, 91%
HSV	350°, 12%, 97%
XYZ	77.1037, 75.4270, 80.3406
YIQ	227.5400, 16.2750, 7.9150

# Conversions

## Conversions Part 2

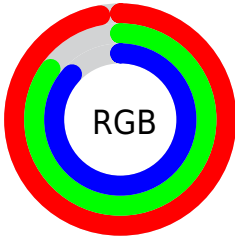
Format	Color
R <sub>Y</sub> B	248, 218, 223
Decimal	16308959
CIE Lab	89.59, 11.18, 1.33
CIE LCh	90, 11.256, 6.785
Yxy	75.4270, 0.3311, 0.3239
Android (android.graphics.Color)	4294499039 (0xFFF8DADF)
YUV	227.5400, -2.2382, 17.9434
Hunter-Lab	86.8487, 6.4858, 5.9471

# Details

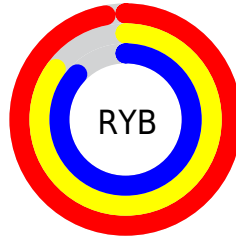
The Yxy color  $75.4270, 0.3311, 0.3239$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $88.5012, 0.2970, 0.3342$ , and the grayscale version is  $77.2404, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $100.0000, 0.3127, 0.3290$ , and  $40.0979, 0.3350, 0.3225$  is the 20% darker color. If you saturate the color by 10%, you get  $62.4700, 0.3504, 0.3194$ , and if you desaturate by 10%, it is  $90.4504, 0.3156, 0.3282$ .

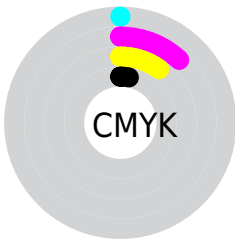
# Distribution



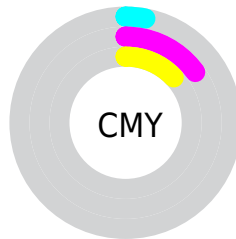
- Red (97%)
- Green (85%)
- Blue (87%)



- Red (97%)
- Yellow (85%)
- Blue (87%)



- Cyan (0%)
- Magenta (12%)
- Yellow (10%)
- Black (3%)




- Cyan (3%)
- Magenta (15%)
- Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 75.4270, 0.3311, 0.3239 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 75.4270, 0.3311, 0.3239 by changing the saturation by 10% instead.




 75.4270, 0.3311,  
0.3239

 75.4270, 0.3311,  
0.3239


479.3839, 0.3226,  
0.3263

 55.9628, 0.3330,  
0.3234


126.9166, 0.3282,  
0.3247

 40.1731, 0.3354,  
0.3227


159.7108, 0.3270,  
0.3251

 27.6735, 0.3384,  
0.3218

197.7171, 0.3260,  
0.3253

 18.0797, 0.3424,  
0.3207

241.3199, 0.3252,  
0.3256

 11.0072, 0.3477,  
0.3191

290.9036, 0.3244,  
0.3258

 6.0717, 0.3555,  
0.3168

346.8525, 0.3238,

 2.8887, 0.3676,

0.3260

0.3132

409.5512, 0.3232,  
0.3261

■ 1.0739, 0.3891,  
0.3065

■ 0.0000, 1.0000,  
0.0000

■ 75.4270, 0.3311,  
0.3239

■ 75.4270, 0.3311,  
0.3239

■ 62.4700, 0.3504,  
0.3194

■ 90.4504, 0.3156,  
0.3282

■ 51.4793, 0.3743,  
0.3148

■ 98.6942, 0.3084,  
0.3290

■ 42.3617, 0.4034,  
0.3103

■ 35.0122, 0.4383,  
0.3066

■ 29.3156, 0.4783,  
0.3042

■ 25.1430, 0.5212,  
0.3040

■ 22.3461, 0.5631,  
0.3067

■ 20.7468, 0.5983,  
0.3125

■ 20.1193, 0.6187,  
0.3182

# Harmonies

## Analogous

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



75.4270, 0.3190, 0.3138



75.4270, 0.3311, 0.3239



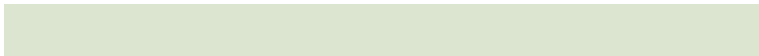
75.4270, 0.3382, 0.3355

# Triad

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



75.4270, 0.3311, 0.3239



75.4270, 0.3196, 0.3516



75.4270, 0.2877, 0.3117

# Complementary

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



75.4270, 0.3311, 0.3239



88.5012, 0.2970, 0.3342

# 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.



75.4270, 0.2879, 0.3216



75.4270, 0.3311, 0.3239



75.4270, 0.3061, 0.3450

# Square

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



75.4270, 0.3311, 0.3239



75.4270, 0.3315, 0.3518



75.4270, 0.2945, 0.3339



75.4270, 0.2940, 0.3067

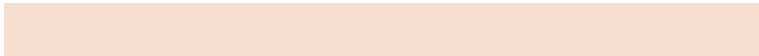


# Rectangle

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



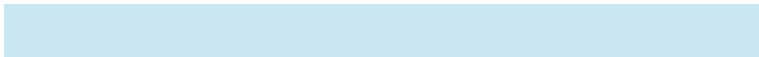
75.4270, 0.3311, 0.3239



75.4270, 0.3391, 0.3427



75.4270, 0.2945, 0.3339



75.4270, 0.2870, 0.3146

# Sweetspot

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



75.4303, 0.3311, 0.3239



93.1294, 0.3183, 0.3274



75.8866, 0.3103, 0.2988



19.6657, 0.3194, 0.3270



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

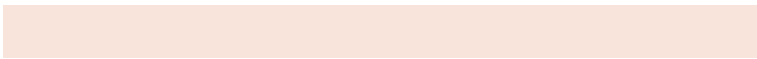
The Same Dimension uses a secret algorithm to generate beautiful new colors.



75.4303, 0.3311, 0.3239



76.0946, 0.3363, 0.3226



80.2286, 0.3334, 0.3387



17.2728, 0.3267, 0.3250



10.8834, 0.6156, 0.3165



1.0210, 0.5859, 0.3001



# Inverse Universe

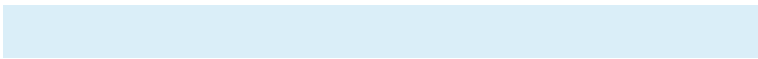
The Inverse Universe completely reimagines the original color for something new.



75.4303, 0.3311, 0.3239



76.0946, 0.3363, 0.3226



83.1196, 0.2940, 0.3191



17.2728, 0.3267, 0.3250



10.8834, 0.6156, 0.3165

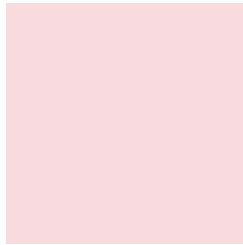


1.0210, 0.5859, 0.3001



# Previews

## White Background



This preview shows how the Yxy color 75.4270, 0.3311, 0.3239 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

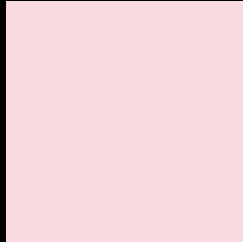
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 75.4270, 0.3311, 0.3239 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

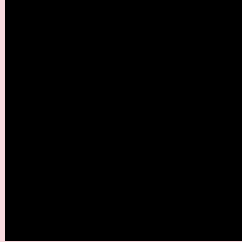
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 75.4270, 0.3311, 0.3239**

## **Background**



This preview shows how black text looks on a background with the Yxy color 75.4270, 0.3311, 0.3239.

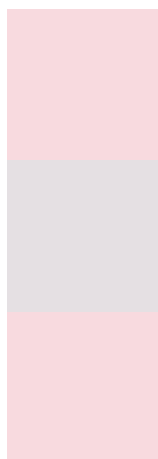


This preview shows how white text looks on a background with the Yxy color 75.4270, 0.3311, 0.3239.

# 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

75.4270, 0.3311, 0.3239

### Protanopia

75.5154, 0.3143, 0.3258

### Deuteranopia

75.4270, 0.3311, 0.3239



## Tritanopia

75.1347, 0.3251, 0.3119

# Trichromacy



## Original Color

75.4270, 0.3311, 0.3239

## Protanomaly

75.5664, 0.3200, 0.3248

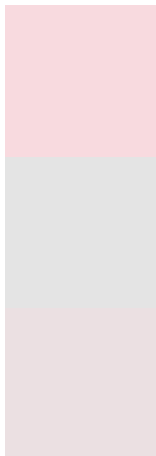
## Deuteranomaly

75.4270, 0.3311, 0.3239

## Tritanomaly

75.4226, 0.3278, 0.3169

# Monochromacy



## Original Color

75.4270, 0.3311, 0.3239

## Achromatopsia

77.5822, 0.3127, 0.3290

## Achromatomaly

76.4645, 0.3191, 0.3269

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 75.4270, 0.3311, 0.3239 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(248, 218, 223)` looks like.

```
.text, #text, p{  
    color:rgb(248, 218, 223)  
}
```

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(248, 218, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 218, 223) }
```

## Border

The CSS property to change the border of an element to Yxy 75.4270, 0.3311, 0.3239 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(248, 218, 223) }
```

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

```
.border{ border-color:rgb(248, 218, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 218, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(248, 218, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(248, 218, 223); box-shadow:4px 4px 4px 4px rgb(248, 218, 223) }
```



# Background

The CSS property to change the background color of an element to Yxy 75.4270, 0.3311, 0.3239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 218, 223) }
```

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

```
.background{ background-color: rgb(248,  
218, 223) }
```

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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