

# Converting Colors

$Y_{xy}(72.5060, 0.3373, 0.3224)$

Have a look what the booklet for  
Yxy(72.5060, 0.3373, 0.3224)  
contains.

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# Color

**Yxy(72.6582, 0.3377, 0.3229)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBD4DA
RGB	251, 212, 218
RGB Percent	98%, 83%, 85%
CMY	0.0156, 0.1686, 0.1450
CMYK	0.00, 0.16, 0.13, 0.02
HSL	351°, 83%, 91%
HSV	351°, 16%, 98%
XYZ	75.9885, 72.6582, 76.3710
YIQ	224.3450, 21.3180, 10.1340

# Conversions

## Conversions Part 2

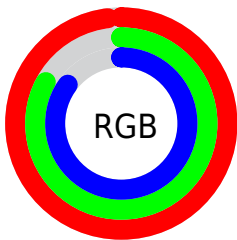
Format	Color
R <sub>Y</sub> B	251, 212, 218
Decimal	16504026
CIE Lab	88.28, 14.56, 2.10
CIE LCh	88, 14.708, 8.214
Yxy	72.6582, 0.3377, 0.3229
Android (android.graphics.Color)	4294694106 (0xFFFBD4DA)
YUV	224.3450, -3.1281, 23.3764
Hunter-Lab	85.2398, 9.9573, 6.5467

# Details

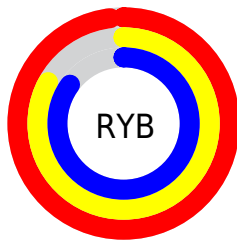
The Yxy color  $72.6582, 0.3377, 0.3229$  is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be  $89.5901, 0.2923, 0.3352$ , and the grayscale version is  $74.8162, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $100.0000, 0.3127, 0.3290$ , and  $38.2276, 0.3438, 0.3212$  is the 20% darker color. If you saturate the color by 10%, you get  $60.0313, 0.3588, 0.3187$ , and if you desaturate by 10%, it is  $87.3846, 0.3207, 0.3269$ .

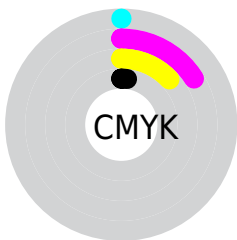
# Distribution



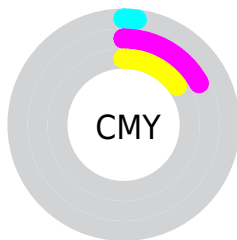
- Red (98%)
- Green (83%)
- Blue (85%)



- Red (98%)
- Yellow (83%)
- Blue (85%)



- Cyan (0%)
- Magenta (16%)
- Yellow (13%)
- Black (2%)




- Cyan (2%)
- Magenta (17%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6582, 0.3377, 0.3229 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 72.6582, 0.3377, 0.3229 by changing the saturation by 10% instead.




 72.6582, 0.3377,  
0.3229

 72.6582, 0.3377,  
0.3229


469.8293, 0.3261,  
0.3258

 53.6965, 0.3404,  
0.3222


122.9919, 0.3337,  
0.3239

 38.3591, 0.3437,  
0.3214


155.1326, 0.3321,  
0.3243

 26.2615, 0.3479,  
0.3203


192.4352, 0.3307,  
0.3246

 17.0194, 0.3534,  
0.3188

235.2840, 0.3296,  
0.3249

 10.2483, 0.3609,  
0.3168

284.0635, 0.3285,  
0.3252

 5.5639, 0.3719,  
0.3138

339.1579, 0.3276,

 2.5818, 0.3893,

0.3254

0.3090

400.9517, 0.3268,  
0.3256

0.9175, 0.4215,  
0.3000

0.0000, 1.0000,  
0.0000

72.6582, 0.3377,  
0.3229

72.6582, 0.3377,  
0.3229

60.0313, 0.3588,  
0.3187

87.3846, 0.3207,  
0.3269

49.3990, 0.3850,  
0.3145

99.2515, 0.3103,  
0.3290

40.6619, 0.4167,  
0.3106

33.7082, 0.4541,  
0.3075

■ 28.4145, 0.4962,  
0.3060

■ 24.6415, 0.5399,  
0.3069

■ 22.2269, 0.5802,  
0.3106

■ 20.9710, 0.6114,  
0.3170

■ 20.6569, 0.6217,  
0.3198

# Harmonies

## Analogous

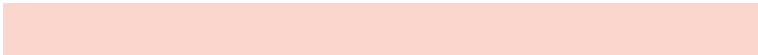
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.6582, 0.3218, 0.3095



72.6582, 0.3377, 0.3229



72.6582, 0.3468, 0.3381

# Triad

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



72.6582, 0.3377, 0.3229



72.6582, 0.3209, 0.3589



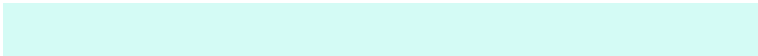
72.6582, 0.2800, 0.3056

# Complementary

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



72.6582, 0.3377, 0.3229



89.5901, 0.2923, 0.3352

# 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.



72.6582, 0.2798, 0.3183



72.6582, 0.3377, 0.3229



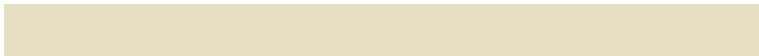
72.6582, 0.3030, 0.3498

# Square

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



72.6582, 0.3377, 0.3229



72.6582, 0.3368, 0.3594



72.6582, 0.2881, 0.3346



72.6582, 0.2887, 0.2995



# Rectangle

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



72.6582, 0.3377, 0.3229



72.6582, 0.3477, 0.3475



72.6582, 0.2881, 0.3346



72.6582, 0.2789, 0.3092

# Sweetspot

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



72.6614, 0.3377, 0.3229



91.4584, 0.3199, 0.3271



73.3765, 0.3099, 0.2899



19.3287, 0.3209, 0.3268



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

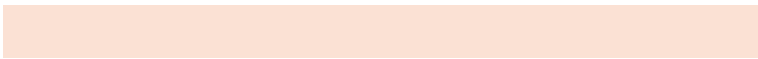
The Same Dimension uses a secret algorithm to generate beautiful new colors.



72.6614, 0.3377, 0.3229



70.5252, 0.3445, 0.3215



79.1170, 0.3401, 0.3423



17.2690, 0.3270, 0.3254



10.8701, 0.6186, 0.3182



1.0192, 0.5898, 0.3023



# Inverse Universe

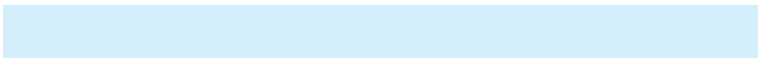
The Inverse Universe completely reimagines the original color for something new.



72.6614, 0.3377, 0.3229



70.5252, 0.3445, 0.3215



82.1162, 0.2885, 0.3153



17.2690, 0.3270, 0.3254



10.8701, 0.6186, 0.3182

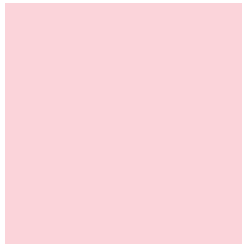


1.0192, 0.5898, 0.3023



# Previews

## White Background



This preview shows how the Yxy color 72.6582, 0.3377, 0.3229 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

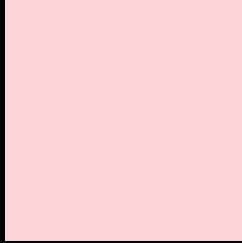
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 72.6582, 0.3377, 0.3229 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

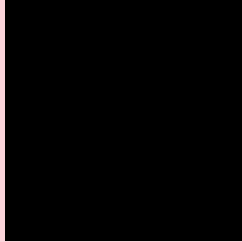
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 72.6582, 0.3377, 0.3229**

## Background



This preview shows how black text looks on a background with the Yxy color 72.6582, 0.3377, 0.3229.

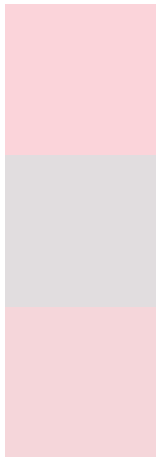


This preview shows how white text looks on a background with the Yxy color 72.6582, 0.3377, 0.3229.

# 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

72.6582, 0.3377, 0.3229

### Protanopia

73.0482, 0.3142, 0.3269

### Deuteranopia

72.5676, 0.3329, 0.3249



## Tritanopia

72.8300, 0.3321, 0.3129

# Trichromacy



## Original Color

72.6582, 0.3377, 0.3229

## Protanomaly

72.8557, 0.3223, 0.3259

## Deuteranomaly

72.4246, 0.3346, 0.3239

## Tritanomaly

72.6658, 0.3342, 0.3159

# Monochromacy



## Original Color

72.6582, 0.3377, 0.3229

## Achromatopsia

74.5404, 0.3127, 0.3290

## Achromatomaly

73.9528, 0.3214, 0.3269

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 72.6582, 0.3377, 0.3229 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(251, 212, 218)` looks like.

```
.text, #text, p{  
    color:rgb(251, 212, 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(251, 212, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 212, 218) }
```

## Border

The CSS property to change the border of an element to Yxy 72.6582, 0.3377, 0.3229 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(251, 212, 218) }
```

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

```
.border{ border-color:rgb(251, 212, 218) }
```

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

Here you see how a box with a 4 pixel rgb(251, 212, 218) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 212, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 212, 218);  
box-shadow:4px 4px 4px 4px rgb(251, 212,  
218) }
```



# Background

The CSS property to change the background color of an element to Yxy 72.6582, 0.3377, 0.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 212, 218) }
```

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

```
.background{ background-color: rgb(251,  
212, 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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