

# Converting Colors

$Y_{xy}(72.5070, 0.3324, 0.3233)$

Have a look what the booklet for  
Yxy(72.5070, 0.3324, 0.3233)  
contains.

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# Color

**Yxy(72.6201, 0.3322, 0.3239)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F5D6DB
RGB	245, 214, 219
RGB Percent	96%, 84%, 86%
CMY	0.0393, 0.1607, 0.1412
CMYK	0.00, 0.13, 0.11, 0.04
HSL	350°, 61%, 90%
HSV	350°, 13%, 96%
XYZ	74.4810, 72.6201, 77.1042
YIQ	223.8390, 16.8710, 8.1270

# Conversions

## Conversions Part 2

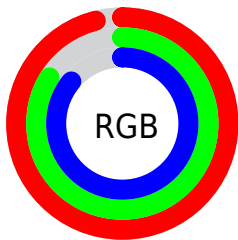
Format	Color
RYP	245, 214, 219
Decimal	16111323
CIELab	88.27, 11.55, 1.50
CIElCh	88, 11.644, 7.417
Yxy	72.6201, 0.3322, 0.3239
Android (android.graphics.Color)	4294301403 (0xFFF5D6DB)
YUV	223.8390, -2.3856, 18.5582
Hunter-Lab	85.2174, 6.8805, 6.0070

# Details

The Yxy color **72.6201, 0.3322, 0.3239** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.8784, 0.2962, 0.3342**, and the grayscale version is **74.4285, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.2954, 0.3375, 0.3224** is the 20% darker color. If you saturate the color by 10%, you get **60.1240, 0.3519, 0.3196**, and if you desaturate by 10%, it is **87.1211, 0.3164, 0.3280**.

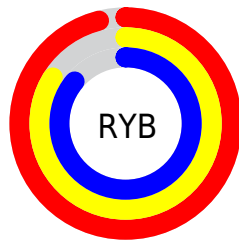
# Distribution



Red (96%)

Green (84%)

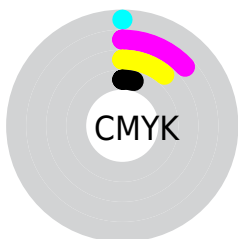
Blue (86%)



Red (96%)

Yellow (84%)

Blue (86%)

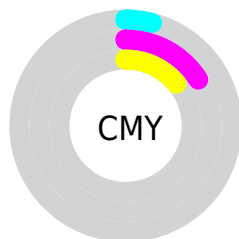


Cyan (0%)

Magenta (13%)

Yellow (11%)

Black (4%)



Cyan (4%)

Magenta (16%)


Yellow (14%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 72.6201, 0.3322, 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 72.6201, 0.3322, 0.3239 by changing the saturation by 10% instead.



 72.6201, 0.3322,  
0.3239

 72.6201, 0.3322,  
0.3239


469.6971, 0.3232,  
0.3263

 53.6654, 0.3343,  
0.3233


122.9377, 0.3291,  
0.3247

 38.3342, 0.3368,  
0.3226


155.0695, 0.3278,  
0.3251

 26.2422, 0.3401,  
0.3217


192.3623, 0.3268,  
0.3253

 17.0049, 0.3444,  
0.3206

235.2006, 0.3259,  
0.3256

 10.2380, 0.3503,  
0.3189

283.9689, 0.3251,  
0.3258

 5.5570, 0.3588,  
0.3165

339.0515, 0.3244,

 2.5777, 0.3724,

0.3260

0.3126

400.8327, 0.3237,  
0.3262

0.9154, 0.3973,  
0.3054

0.0000, 1.0000,  
0.0000

72.6201, 0.3322,  
0.3239

72.6201, 0.3322,  
0.3239

60.1240, 0.3519,  
0.3196

87.1211, 0.3164,  
0.3280

49.5352, 0.3762,  
0.3152

98.1477, 0.3066,  
0.3290

40.7627, 0.4060,  
0.3110

33.7040, 0.4414,  
0.3074

■ 28.2464, 0.4820,  
0.3053

■ 24.2638, 0.5253,  
0.3053

■ 21.6110, 0.5671,  
0.3082

■ 20.1129, 0.6016,  
0.3140

■ 19.5568, 0.6202,  
0.3190

# Harmonies

## Analogous

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



72.6201, 0.3196, 0.3132



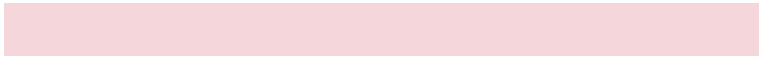
72.6201, 0.3322, 0.3239



72.6201, 0.3395, 0.3361

# Triad

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



72.6201, 0.3322, 0.3239



72.6201, 0.3196, 0.3527



72.6201, 0.2866, 0.3107

# Complementary

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



72.6201, 0.3322, 0.3239



85.8784, 0.2962, 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.



72.6201, 0.2866, 0.3210



72.6201, 0.3322, 0.3239



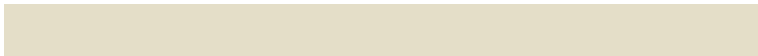
72.6201, 0.3055, 0.3456

# Square

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



72.6201, 0.3322, 0.3239



72.6201, 0.3321, 0.3530



72.6201, 0.2935, 0.3338



72.6201, 0.2934, 0.3056



# Rectangle

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



72.6201, 0.3322, 0.3239



72.6201, 0.3404, 0.3435



72.6201, 0.2935, 0.3338



72.6201, 0.2858, 0.3137

# Sweetspot

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



72.6233, 0.3322, 0.3239



93.1247, 0.3183, 0.3274



73.1851, 0.3105, 0.2974



19.6645, 0.3194, 0.3271



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.



72.6233, 0.3322, 0.3239



76.0793, 0.3365, 0.3229



77.7554, 0.3344, 0.3397



16.5260, 0.3268, 0.3252



10.5513, 0.6171, 0.3173



0.9398, 0.5862, 0.3003



# Inverse Universe

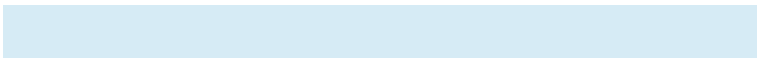
The Inverse Universe completely reimagines the original color for something new.



72.6233, 0.3322, 0.3239



76.0793, 0.3365, 0.3229



80.1085, 0.2931, 0.3181



16.5260, 0.3268, 0.3252



10.5513, 0.6171, 0.3173

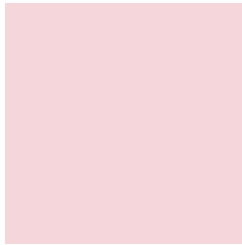


0.9398, 0.5862, 0.3003



# Previews

## White Background



This preview shows how the Yxy color 72.6201, 0.3322, 0.3239 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

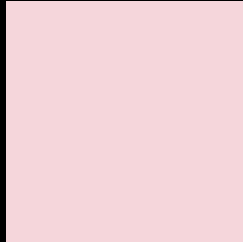
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 72.6201, 0.3322, 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 72.6201, 0.3322, 0.3239**

## **Background**



This preview shows how black text looks on a background with the Yxy color 72.6201, 0.3322, 0.3239.

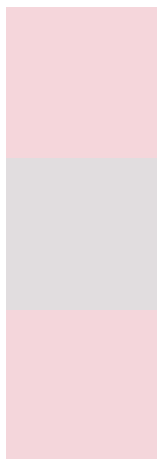


This preview shows how white text looks on a background with the Yxy color 72.6201, 0.3322, 0.3239.

# 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

72.6201, 0.3322, 0.3239

### Protanopia

73.0482, 0.3142, 0.3269

### Deuteranopia

72.4407, 0.3315, 0.3239



## Tritanopia

72.3369, 0.3261, 0.3116

# Trichromacy



## Original Color

72.6201, 0.3322, 0.3239

## Protanomaly

72.5725, 0.3201, 0.3248

## Deuteranomaly

72.4407, 0.3315, 0.3239

## Tritanomaly

72.6176, 0.3288, 0.3167

# Monochromacy



## Original Color

72.6201, 0.3322, 0.3239

## Achromatopsia

74.5404, 0.3127, 0.3290

## Achromatomaly

73.6161, 0.3200, 0.3269

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 72.6201, 0.3322, 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(245, 214, 219)` looks like.

```
.text, #text, p{  
    color:rgb(245, 214, 219)  
}
```

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(245, 214, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 214, 219) }
```

## Border

The CSS property to change the border of an element to Yxy 72.6201, 0.3322, 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(245, 214, 219) }
```

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

```
.border{ border-color:rgb(245, 214, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 214, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 214, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 214, 219);  
box-shadow:4px 4px 4px 4px rgb(245, 214,  
219) }
```



# Background

The CSS property to change the background color of an element to Yxy 72.6201, 0.3322, 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(245, 214, 219) }
```

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

```
.background{ background-color: rgb(245,  
214, 219) }
```

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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