

Converting Colors

$Y_{xy}(71.6733, 0.3548, 0.3108)$

Have a look what the booklet for
Yxy(71.6733, 0.3548, 0.3108)
contains.

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Color

Yxy(68.2006, 0.3409, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9DC
RGB	255, 201, 220
RGB Percent	100%, 79%, 86%
CMY	0.0000, 0.2118, 0.1374
CMYK	0.00, 0.21, 0.14, 0.00
HSL	339°, 100%, 89%
HSV	339°, 21%, 100%
XYZ	75.0471, 68.2006, 76.8963
YIQ	219.3120, 26.0850, 17.3570

Conversions

Conversions Part 2

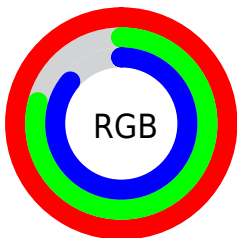
Format	Color
R _Y B	255, 201, 220
Decimal	16763356
CIE Lab	86.11, 22.02, -2.06
CIE LCh	86, 22.116, 354.655
Yxy	68.2006, 0.3409, 0.3098
Android (android.graphics.Color)	4294953436 (0xFFFFC9DC)
YUV	219.3120, 0.3392, 31.2984
Hunter-Lab	82.5837, 17.6887, 2.6017

Details

The Yxy color **68.2006, 0.3409, 0.3098** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.9957, 0.2909, 0.3491**, and the grayscale version is **71.0475, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.5898, 0.3480, 0.3057** is the 20% darker color. If you saturate the color by 10%, you get **56.4476, 0.3589, 0.3002**, and if you desaturate by 10%, it is **82.0117, 0.3261, 0.3192**.

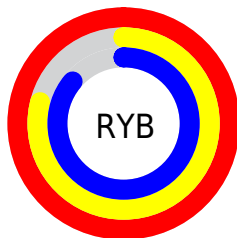
Distribution



Red (100%)

Green (79%)

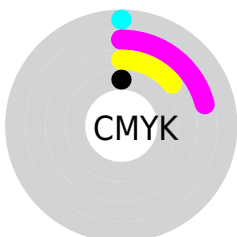
Blue (86%)



Red (100%)

Yellow (79%)

Blue (86%)

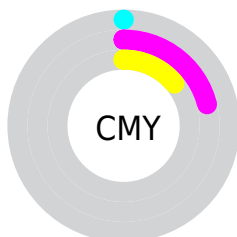


Cyan (0%)

Magenta (21%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (21%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2006, 0.3409, 0.3098 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 68.2006, 0.3409, 0.3098 by changing the saturation by 10% instead.


 68.2006, 0.3409,
0.3098

 68.2006, 0.3409,
0.3098


454.2064, 0.3277,
0.3187

 50.0609, 0.3439,
0.3078

116.6391, 0.3363,
0.3129

 35.4618, 0.3477,
0.3052


147.7067, 0.3345,
0.3141

 24.0188, 0.3525,
0.3020


183.8524, 0.3330,
0.3151

 15.3476, 0.3588,
0.2978

225.4606, 0.3317,
0.3160

 9.0637, 0.3675,
0.2921

272.9157, 0.3305,
0.3168

 4.7828, 0.3802,
0.2837

326.6021, 0.3295,

 2.1204, 0.4006,

0.3175

0.2706

386.9042, 0.3286,
0.3182

0.6760, 0.4410,
0.2429

0.0000, 1.0000,
0.0000

68.2006, 0.3409,
0.3098

68.2006, 0.3409,
0.3098

56.4476, 0.3589,
0.3002

82.0117, 0.3261,
0.3192

46.6560, 0.3807,
0.2907

97.9770, 0.3140,
0.3280

38.7165, 0.4066,
0.2821

100.0000, 0.3127,
0.3290

32.5103, 0.4363,
0.2753

■ 27.9047, 0.4692,
0.2717

■ 24.7474, 0.5034,
0.2724

■ 22.8561, 0.5363,
0.2783

■ 21.9909, 0.5622,
0.2870

Harmonies

Analogous

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



68.2006, 0.3139, 0.2927



68.2006, 0.3409, 0.3098



68.2006, 0.3607, 0.3319

Triad

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



68.2006, 0.3409, 0.3098



68.2006, 0.3367, 0.3775



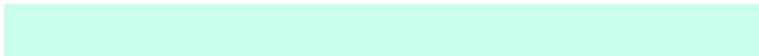
68.2006, 0.2613, 0.3004

Complementary

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



68.2006, 0.3409, 0.3098



89.9957, 0.2909, 0.3491

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.



68.2006, 0.2669, 0.3231



68.2006, 0.3409, 0.3098



68.2006, 0.3097, 0.3695

Square

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



68.2006, 0.3409, 0.3098



68.2006, 0.3579, 0.3713



68.2006, 0.2843, 0.3489



68.2006, 0.2687, 0.2867

Rectangle

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



68.2006, 0.3409, 0.3098



68.2006, 0.3665, 0.3471



68.2006, 0.2843, 0.3489



68.2006, 0.2617, 0.3072

Sweetspot

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



68.1996, 0.3409, 0.3098



90.0008, 0.3195, 0.3238



66.6903, 0.3008, 0.2738



19.0412, 0.3203, 0.3232



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.



68.1996, 0.3409, 0.3098



63.4675, 0.3474, 0.3061



70.6871, 0.3541, 0.3365



18.0924, 0.3239, 0.3207



11.5162, 0.5578, 0.2847



1.1411, 0.5263, 0.2673

Inverse Universe

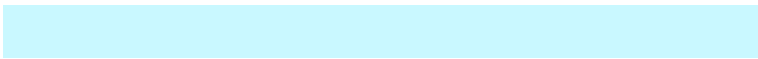
The Inverse Universe completely reimagines the original color for something new.



68.1996, 0.3409, 0.3098



63.4675, 0.3474, 0.3061



86.6497, 0.2805, 0.3214



18.0924, 0.3239, 0.3207



11.5162, 0.5578, 0.2847



1.1411, 0.5263, 0.2673

Previews

White Background



This preview shows how the Yxy color 68.2006, 0.3409, 0.3098 looks on a white background.

Color Contrast Check

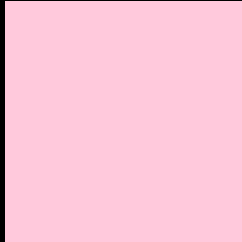
Large Text (above 18pt) WCAG AA × Fail

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 68.2006, 0.3409, 0.3098 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 68.2006, 0.3409, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 68.2006, 0.3409, 0.3098.



This preview shows how white text looks on a background with the Yxy color 68.2006, 0.3409, 0.3098.

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

68.2006, 0.3409, 0.3098

Protanopia

68.2935, 0.3048, 0.3136

Deuteranopia

68.3251, 0.3260, 0.3194



Tritanopia

68.0430, 0.3432, 0.3128

Trichromacy



Original Color

68.2006, 0.3409, 0.3098

Protanomaly

67.8602, 0.3172, 0.3119

Deuteranomaly

68.1343, 0.3309, 0.3154

Tritanomaly

68.0952, 0.3424, 0.3118

Monochromacy



Original Color

68.2006, 0.3409, 0.3098

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.3572, 0.3227, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2006, 0.3409, 0.3098 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(255, 201, 220)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 220)  
}
```

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(255, 201, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 220) }
```

Border

The CSS property to change the border of an element to Yxy 68.2006, 0.3409, 0.3098 is called "border". The border property can be set on classes, ids or directly on the HTML element.

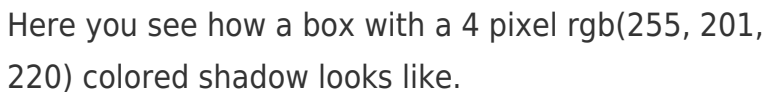
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 201, 220) }
```

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

```
.border{ border-color:rgb(255, 201, 220) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 201, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 201, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 201, 220); box-shadow:4px 4px 4px 4px rgb(255, 201, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2006, 0.3409, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 220) }
```

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

```
.background{ background-color: rgb(255,  
201, 220) }
```

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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