

Converting Colors

$Yxy(68.5470, 0.3388, 0.3077)$

Have a look what the booklet for
Yxy(68.5470, 0.3388, 0.3077)
contains.

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Color

Yxy(68.3610, 0.3386, 0.3068)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9DF
RGB	255, 201, 223
RGB Percent	100%, 79%, 87%
CMY	0.0000, 0.2118, 0.1256
CMYK	0.00, 0.21, 0.13, 0.00
HSL	336°, 100%, 89%
HSV	336°, 21%, 100%
XYZ	75.4467, 68.3610, 79.0118
YIQ	219.6540, 25.1220, 18.2900

Conversions

Conversions Part 2

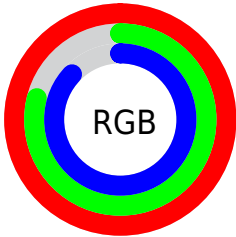
Format	Color
R _Y B	255, 201, 223
Decimal	16763359
CIE Lab	86.19, 22.49, -3.54
CIE LCh	86, 22.771, 351.055
Yxy	68.3610, 0.3386, 0.3068
Android (android.graphics.Color)	4294953439 (0xFFFFC9DF)
YUV	219.6540, 1.6496, 30.9984
Hunter-Lab	82.6807, 18.1911, 1.2175

Details

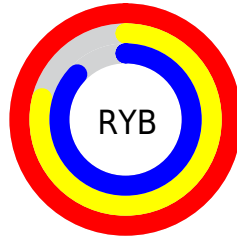
The Yxy color **68.3610, 0.3386, 0.3068** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.8229, 0.2925, 0.3524**, and the grayscale version is **71.2903, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7004, 0.3449, 0.3018** is the 20% darker color. If you saturate the color by 10%, you get **56.6631, 0.3550, 0.2957**, and if you desaturate by 10%, it is **82.1059, 0.3250, 0.3176**.

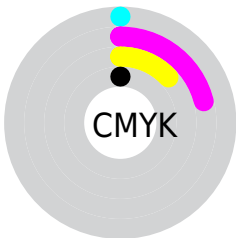
Distribution



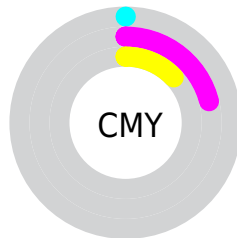
- Red (100%)
- Green (79%)
- Blue (87%)



- Red (100%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.3610, 0.3386, 0.3068 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 68.3610, 0.3386, 0.3068 by changing the saturation by 10% instead.


 68.3610, 0.3386,
0.3068

 68.3610, 0.3386,
0.3068

454.7740, 0.3266,
0.3170

 50.1915, 0.3414,
0.3045


116.8684, 0.3344,
0.3103

 35.5656, 0.3448,
0.3016


147.9751, 0.3328,
0.3117

 24.0989, 0.3492,
0.2979


184.1630, 0.3314,
0.3129

 15.4070, 0.3549,
0.2932

225.8165, 0.3302,
0.3140

 9.1055, 0.3627,
0.2867

273.3199, 0.3291,
0.3149

 4.8101, 0.3742,
0.2774


327.0577, 0.3282,

 2.1363, 0.3923,


0.3157


0.2630


387.4143, 0.3273,
0.3164


 0.6849, 0.4275,
0.2336


 0.0000, 1.0000,
0.0000


 68.3610, 0.3386,
0.3068


 68.3610, 0.3386,
0.3068

 56.6631, 0.3550,
0.2957


 82.1059, 0.3250,
0.3176

 46.9120, 0.3748,
0.2848

 97.9892, 0.3139,
0.3278

 39.0003, 0.3980,
0.2747

100.0000, 0.3127,
0.3290

 32.8101, 0.4247,
0.2666

■ 28.2093, 0.4542,
0.2617

■ 25.0465, 0.4850,
0.2614

■ 23.1401, 0.5152,
0.2664

■ 22.2546, 0.5398,
0.2747

Harmonies

Analogous

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



68.3610, 0.3104, 0.2902



68.3610, 0.3386, 0.3068



68.3610, 0.3603, 0.3291

Triad

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



68.3610, 0.3386, 0.3068



68.3610, 0.3405, 0.3789



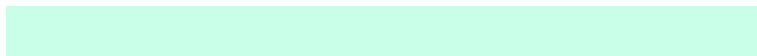
68.3610, 0.2599, 0.3019

Complementary

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



68.3610, 0.3386, 0.3068



89.8229, 0.2925, 0.3524

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.



68.3610, 0.2672, 0.3260



68.3610, 0.3386, 0.3068



68.3610, 0.3130, 0.3725

Square

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



68.3610, 0.3386, 0.3068



68.3610, 0.3611, 0.3709



68.3610, 0.2863, 0.3525



68.3610, 0.2659, 0.2866

Rectangle

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



68.3610, 0.3386, 0.3068



68.3610, 0.3675, 0.3448



68.3610, 0.2863, 0.3525



68.3610, 0.2609, 0.3092

Sweetspot

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



68.3614, 0.3386, 0.3068



90.0529, 0.3190, 0.3230



66.2349, 0.2989, 0.2735



19.0535, 0.3197, 0.3223



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.



68.3614, 0.3386, 0.3068



63.6504, 0.3445, 0.3026



69.3811, 0.3547, 0.3338



18.1096, 0.3230, 0.3194



11.6563, 0.5356, 0.2724



1.1559, 0.5057, 0.2559

Inverse Universe

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



68.3614, 0.3386, 0.3068



63.6504, 0.3445, 0.3026



88.3206, 0.2807, 0.3242



18.1096, 0.3230, 0.3194



11.6563, 0.5356, 0.2724



1.1559, 0.5057, 0.2559

Previews

White Background



This preview shows how the Yxy color 68.3610, 0.3386, 0.3068 looks on a white background.

Color Contrast Check

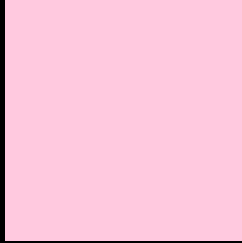
Large Text (above 18pt) WCAG AA × Fail

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 68.3610, 0.3386, 0.3068 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 68.3610, 0.3386, 0.3068

Background



This preview shows how black text looks on a background with the Yxy color 68.3610, 0.3386, 0.3068.

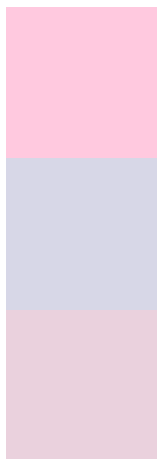


This preview shows how white text looks on a background with the Yxy color 68.3610, 0.3386, 0.3068.

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

68.3610, 0.3386, 0.3068

Protanopia

68.8175, 0.3021, 0.3115

Deuteranopia

68.3138, 0.3231, 0.3163



Tritanopia

68.3738, 0.3415, 0.3128

Trichromacy



Original Color

68.3610, 0.3386, 0.3068

Protanomaly

68.5176, 0.3151, 0.3098

Deuteranomaly

68.2938, 0.3287, 0.3123

Tritanomaly

68.4792, 0.3399, 0.3107

Monochromacy



Original Color

68.3610, 0.3386, 0.3068

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.1326, 0.3220, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3610, 0.3386, 0.3068 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, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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(255, 201, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 223) }
```

Border

The CSS property to change the border of an element to Yxy 68.3610, 0.3386, 0.3068 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, 223) }
```

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

```
.border{ border-color:rgb(255, 201, 223) }
```

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, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3610, 0.3386, 0.3068 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, 223) }
```

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

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