

Converting Colors

Yxy(68.9085, 0.3432, 0.3151)

Have a look what the booklet for
Yxy(68.9085, 0.3432, 0.3151)
contains.

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Color

Yxy(68.9816, 0.3429, 0.3148)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBD9
RGB	255, 203, 217
RGB Percent	100%, 80%, 85%
CMY	0.0000, 0.2040, 0.1490
CMYK	0.00, 0.20, 0.15, 0.00
HSL	344°, 100%, 90%
HSV	344°, 20%, 100%
XYZ	75.1391, 68.9816, 75.0076
YIQ	220.1440, 26.4980, 15.3780

Conversions

Conversions Part 2

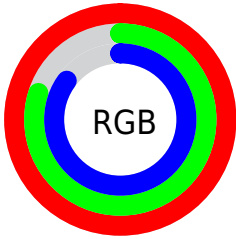
Format	Color
R _Y B	255, 203, 217
Decimal	16763865
CIE Lab	86.49, 20.53, 0.08
CIE LCh	86, 20.535, 0.222
Yxy	68.9816, 0.3429, 0.3148
Android (android.graphics.Color)	4294953945 (0xFFFFCBD9)
YUV	220.1440, -1.5500, 30.5687
Hunter-Lab	83.0552, 16.1405, 4.5934

Details

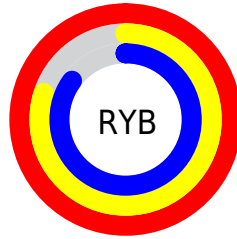
The Yxy color **68.9816, 0.3429, 0.3148** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.5624, 0.2894, 0.3437**, and the grayscale version is **71.6640, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1093, 0.3506, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **56.9891, 0.3630, 0.3074**, and if you desaturate by 10%, it is **83.0455, 0.3265, 0.3220**.

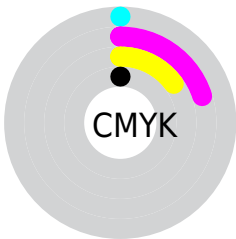
Distribution



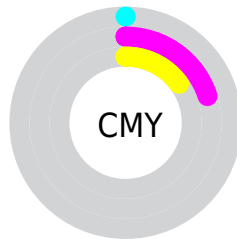
- Red (100%)
- Green (80%)
- Blue (85%)



- Red (100%)
- Yellow (80%)
- Blue (85%)



- Cyan (0%)
- Magenta (20%)
- Yellow (15%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9816, 0.3429, 0.3148 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 68.9816, 0.3429, 0.3148 by changing the saturation by 10% instead.

 68.9816, 0.3429,
0.3148

 68.9816, 0.3429,
0.3148


456.9661, 0.3288,
0.3215

 50.6967, 0.3462,
0.3133

117.7553, 0.3380,
0.3171

 35.9673, 0.3502,
0.3113


149.0129, 0.3361,
0.3180

 24.4089, 0.3554,
0.3089


185.3635, 0.3344,
0.3188

 15.6373, 0.3622,
0.3057

227.1916, 0.3330,
0.3195

 9.2678, 0.3716,
0.3013

274.8815, 0.3318,
0.3201

 4.9163, 0.3853,
0.2948

328.8176, 0.3306,

 2.1982, 0.4074,

0.3206

0.2843

389.3843, 0.3297,
0.3210

0.7190, 0.4518,
0.2634

0.0000, 1.0000,
0.0000

68.9816, 0.3429,
0.3148

68.9816, 0.3429,
0.3148

56.9891, 0.3630,
0.3074

83.0455, 0.3265,
0.3220

46.9955, 0.3875,
0.3001

99.3023, 0.3132,
0.3287

38.8830, 0.4167,
0.2935

100.0000, 0.3127,
0.3290

32.5322, 0.4507,
0.2885

■ 27.8103, 0.4882,
0.2863

■ 24.5652, 0.5267,
0.2879

■ 22.6158, 0.5626,
0.2940

■ 21.6871, 0.5913,
0.3031

Harmonies

Analogous

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



68.9816, 0.3186, 0.2977



68.9816, 0.3429, 0.3148



68.9816, 0.3591, 0.3358

Triad

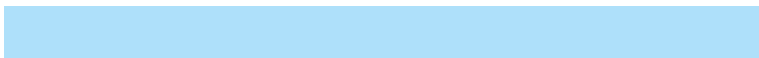
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.9816, 0.3429, 0.3148



68.9816, 0.3306, 0.3734



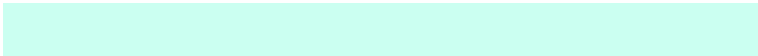
68.9816, 0.2654, 0.2995

Complementary

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



68.9816, 0.3429, 0.3148



90.5624, 0.2894, 0.3437

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.



68.9816, 0.2684, 0.3193



68.9816, 0.3429, 0.3148



68.9816, 0.3053, 0.3635

Square

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



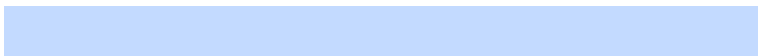
68.9816, 0.3429, 0.3148



68.9816, 0.3516, 0.3701



68.9816, 0.2827, 0.3431



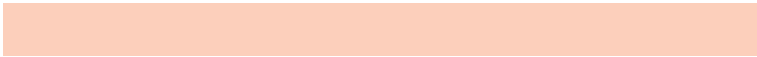
68.9816, 0.2744, 0.2886

Rectangle

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



68.9816, 0.3429, 0.3148



68.9816, 0.3628, 0.3496



68.9816, 0.2827, 0.3431



68.9816, 0.2650, 0.3053

Sweetspot

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



68.9723, 0.3428, 0.3148



89.9249, 0.3203, 0.3250



68.4928, 0.3044, 0.2764



19.0233, 0.3212, 0.3246



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.



68.9723, 0.3428, 0.3148



64.4232, 0.3496, 0.3121



73.7906, 0.3514, 0.3406



18.0676, 0.3252, 0.3226



11.3531, 0.5872, 0.3008



1.1227, 0.5554, 0.2833

Inverse Universe

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



68.9723, 0.3428, 0.3148



64.4232, 0.3496, 0.3121



84.4518, 0.2814, 0.3171



18.0676, 0.3252, 0.3226



11.3531, 0.5872, 0.3008



1.1227, 0.5554, 0.2833

Previews

White Background



This preview shows how the Yxy color 68.9816, 0.3429, 0.3148 looks on a white background.

Color Contrast Check

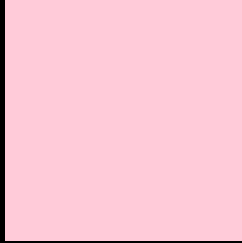
Large Text (above 18pt) WCAG AA × Fail

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 68.9816, 0.3429, 0.3148 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 68.9816, 0.3429, 0.3148

Background



This preview shows how black text looks on a background with the Yxy color 68.9816, 0.3429, 0.3148.

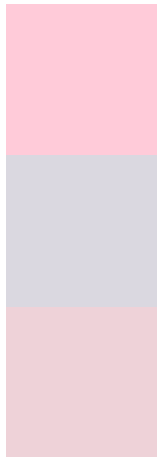


This preview shows how white text looks on a background with the Yxy color 68.9816, 0.3429, 0.3148.

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

68.9816, 0.3429, 0.3148

Protanopia

69.3990, 0.3088, 0.3202

Deuteranopia

69.2282, 0.3296, 0.3227



Tritanopia

69.0338, 0.3421, 0.3138

Trichromacy



Original Color

68.9816, 0.3429, 0.3148

Protanomaly

68.7979, 0.3206, 0.3183

Deuteranomaly

68.8166, 0.3345, 0.3197

Tritanomaly

69.0338, 0.3421, 0.3138

Monochromacy



Original Color

68.9816, 0.3429, 0.3148

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.5312, 0.3233, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9816, 0.3429, 0.3148 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, 203, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 217)  
}
```

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, 203, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 217) }
```

Border

The CSS property to change the border of an element to Yxy 68.9816, 0.3429, 0.3148 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, 203, 217) }
```

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

```
.border{ border-color:rgb(255, 203, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9816, 0.3429, 0.3148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 217) }
```

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

```
.background{ background-color: rgb(255,  
203, 217) }
```

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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