

Converting Colors

Yxy(68.4381, 0.3427, 0.3132)

Have a look what the booklet for
Yxy(68.4381, 0.3427, 0.3132)
contains.

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Color

Yxy(68.5108, 0.3430, 0.3138)

Conversions

Conversions Part 1

Format	Color
Hex	FFCAD9
RGB	255, 202, 217
RGB Percent	100%, 79%, 85%
CMY	0.0000, 0.2078, 0.1490
CMYK	0.00, 0.21, 0.15, 0.00
HSL	343°, 100%, 90%
HSV	343°, 21%, 100%
XYZ	74.8859, 68.5108, 74.9296
YIQ	219.5570, 26.7730, 15.9010

Conversions

Conversions Part 2

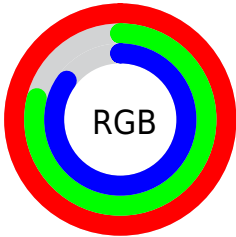
Format	Color
R _Y B	255, 202, 217
Decimal	16763609
CIE Lab	86.26, 21.02, -0.26
CIE LCh	86, 21.024, 359.286
Yxy	68.5108, 0.3430, 0.3138
Android (android.graphics.Color)	4294953689 (0xFFFFCAD9)
YUV	219.5570, -1.2606, 31.0835
Hunter-Lab	82.7713, 16.6453, 4.2669

Details

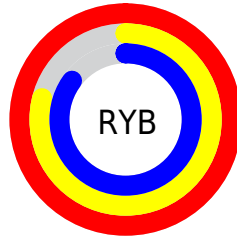
The Yxy color **68.5108, 0.3430, 0.3138** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.3681, 0.2894, 0.3448**, and the grayscale version is **71.2426, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7942, 0.3508, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **56.6202, 0.3629, 0.3060**, and if you desaturate by 10%, it is **82.4898, 0.3268, 0.3214**.

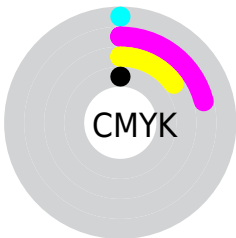
Distribution



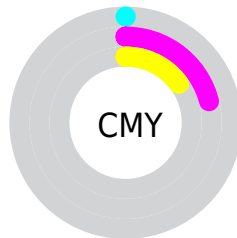
- Red (100%)
- Green (79%)
- Blue (85%)



- Red (100%)
- Yellow (79%)
- Blue (85%)



- Cyan (0%)
- Magenta (21%)
- Yellow (15%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5108, 0.3430, 0.3138 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 68.5108, 0.3430, 0.3138 by changing the saturation by 10% instead.

 68.5108, 0.3430,
0.3138

 68.5108, 0.3430,
0.3138


455.3037, 0.3288,
0.3209

 50.3134, 0.3463,
0.3122


117.0826, 0.3380,
0.3163

 35.6625, 0.3504,
0.3101


148.2258, 0.3361,
0.3172

 24.1736, 0.3555,
0.3075


184.4530, 0.3345,
0.3181

 15.4625, 0.3624,
0.3041


226.1487, 0.3331,
0.3188

 9.1446, 0.3719,
0.2994

273.6972, 0.3318,
0.3194

 4.8356, 0.3857,
0.2924

327.4829, 0.3307,

 2.1511, 0.4080,

0.3200

0.2814

387.8903, 0.3297,
0.3205

0.6932, 0.4536,
0.2583

0.0000, 1.0000,
0.0000

68.5108, 0.3430,
0.3138

68.5108, 0.3430,
0.3138

56.6202, 0.3629,
0.3060

82.4898, 0.3268,
0.3214

46.7086, 0.3871,
0.2984

98.6419, 0.3136,
0.3285

38.6703, 0.4159,
0.2915

100.0000, 0.3127,
0.3290

32.3857, 0.4493,
0.2863

■ 27.7217, 0.4861,
0.2839

■ 24.5257, 0.5240,
0.2855

■ 22.6153, 0.5594,
0.2917

■ 21.7306, 0.5869,
0.3007

Harmonies

Analogous

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



68.5108, 0.3180, 0.2965



68.5108, 0.3430, 0.3138



68.5108, 0.3600, 0.3352

Triad

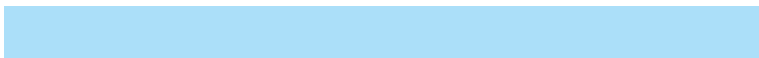
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



68.5108, 0.3430, 0.3138



68.5108, 0.3318, 0.3747



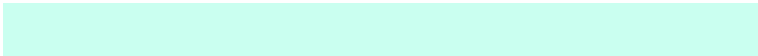
68.5108, 0.2641, 0.2992

Complementary

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



68.5108, 0.3430, 0.3138



90.3681, 0.2894, 0.3448

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.



68.5108, 0.2675, 0.3198



68.5108, 0.3430, 0.3138



68.5108, 0.3059, 0.3650

Square

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



68.5108, 0.3430, 0.3138



68.5108, 0.3532, 0.3709



68.5108, 0.2826, 0.3443



68.5108, 0.2730, 0.2877

Rectangle

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



68.5108, 0.3430, 0.3138



68.5108, 0.3641, 0.3495



68.5108, 0.2826, 0.3443



68.5108, 0.2639, 0.3052

Sweetspot

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



68.5138, 0.3430, 0.3138



89.9373, 0.3202, 0.3248



67.9860, 0.3042, 0.2754



19.0262, 0.3210, 0.3244



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.



68.5138, 0.3430, 0.3138



63.2492, 0.3509, 0.3105



73.3585, 0.3523, 0.3409



18.0716, 0.3250, 0.3223



11.3766, 0.5827, 0.2984



1.1255, 0.5508, 0.2808

Inverse Universe

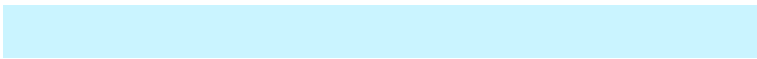
The Inverse Universe completely reimagines the original color for something new.



68.5138, 0.3430, 0.3138



63.2492, 0.3509, 0.3105



84.1888, 0.2808, 0.3168



18.0716, 0.3250, 0.3223



11.3766, 0.5827, 0.2984



1.1255, 0.5508, 0.2808

Previews

White Background



This preview shows how the Yxy color 68.5108, 0.3430, 0.3138 looks on a white background.

Color Contrast Check

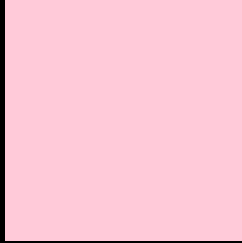
Large Text (above 18pt) WCAG AA × Fail

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 68.5108, 0.3430, 0.3138 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

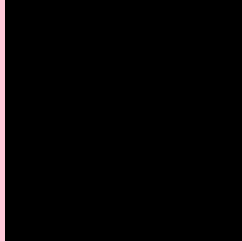
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.5108, 0.3430, 0.3138

Background



This preview shows how black text looks on a background with the Yxy color 68.5108, 0.3430, 0.3138.



This preview shows how white text looks on a background with the Yxy color 68.5108, 0.3430, 0.3138.

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

68.5108, 0.3430, 0.3138

Protanopia

68.7888, 0.3075, 0.3180

Deuteranopia

68.5633, 0.3289, 0.3216



Tritanopia

68.5630, 0.3422, 0.3128

Trichromacy



Original Color

68.5108, 0.3430, 0.3138

Protanomaly

68.3560, 0.3200, 0.3162

Deuteranomaly

68.3336, 0.3346, 0.3186

Tritanomaly

68.5630, 0.3422, 0.3128

Monochromacy



Original Color

68.5108, 0.3430, 0.3138

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.0266, 0.3234, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5108, 0.3430, 0.3138 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, 202, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 202, 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, 202, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 202, 217) }
```

Border

The CSS property to change the border of an element to Yxy 68.5108, 0.3430, 0.3138 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, 202, 217) }
```

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

```
.border{ border-color:rgb(255, 202, 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, 202, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 202, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 202, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 202,  
217) }
```


Background

The CSS property to change the background color of an element to Yxy 68.5108, 0.3430, 0.3138 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 202, 217) }
```

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

```
.background{ background-color: rgb(255,  
202, 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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