

Converting Colors

$Y_{xy}(100.0000, 0.4222, 0.3173)$

Have a look what the booklet for
Yxy(100.0000, 0.4222, 0.3173)
contains.

Yxy(71.2134, 0.3378, 0.3129)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.2134, 0.3378, 0.3129)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFDF
RGB	255, 207, 223
RGB Percent	100%, 81%, 87%
CMY	0.0000, 0.1883, 0.1255
CMYK	0.00, 0.19, 0.13, 0.00
HSL	340°, 100%, 91%
HSV	340°, 19%, 100%
XYZ	76.8804, 71.2134, 79.4977
YIQ	223.1760, 23.4720, 15.1520

Conversions

Conversions Part 2

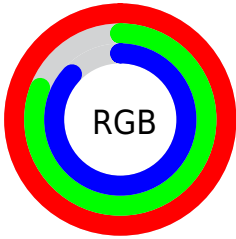
Format	Color
R _Y B	255, 207, 223
Decimal	16764895
CIE Lab	87.59, 19.37, -1.49
CIE LCh	88, 19.422, 355.597
Yxy	71.2134, 0.3378, 0.3129
Android (android.graphics.Color)	4294954975 (0xFFFFCFDF)
YUV	223.1760, -0.0868, 27.9096
Hunter-Lab	84.3880, 14.9406, 3.2175

Details

The Yxy color **71.2134, 0.3378, 0.3129** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.0167, 0.2928, 0.3457**, and the grayscale version is **73.9071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.2894, 0.3439, 0.3084** is the 20% darker color. If you saturate the color by 10%, you get **58.9645, 0.3555, 0.3038**, and if you desaturate by 10%, it is **85.5425, 0.3233, 0.3217**.

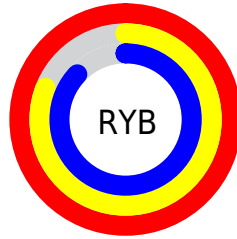
Distribution



Red (100%)

Green (81%)

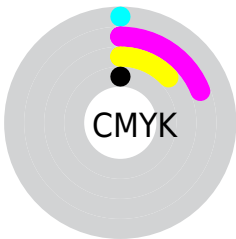
Blue (87%)



Red (100%)

Yellow (81%)

Blue (87%)

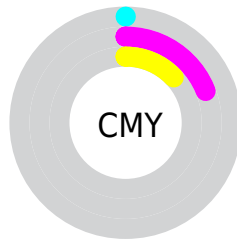


Cyan (0%)

Magenta (19%)

Yellow (13%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.2134, 0.3378, 0.3129 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 71.2134, 0.3378, 0.3129 by changing the saturation by 10% instead.


 71.2134, 0.3378,
0.3129

 71.2134, 0.3378,
0.3129

464.7991, 0.3262,
0.3203

 52.5164, 0.3405,
0.3112

120.9375, 0.3338,
0.3155

 37.4168, 0.3438,
0.3091


152.7334, 0.3322,
0.3165

 25.5304, 0.3480,
0.3065


189.6644, 0.3308,
0.3173

 16.4727, 0.3534,
0.3030

232.1148, 0.3297,
0.3181

 9.8592, 0.3610,
0.2983

280.4691, 0.3286,
0.3188

 5.3057, 0.3719,
0.2915

335.1116, 0.3277,

 2.4277, 0.3891,

0.3193

0.2809

396.4268, 0.3269,
0.3199

0.8401, 0.4203,
0.2618

0.0000, 1.0000,
0.0000

71.2134, 0.3378,
0.3129

71.2134, 0.3378,
0.3129

58.9645, 0.3555,
0.3038

85.5425, 0.3233,
0.3217

48.7083, 0.3770,
0.2947

100.0000, 0.3127,
0.3290

40.3348, 0.4027,
0.2863

33.7277, 0.4325,
0.2795

■ 28.7577, 0.4659,
0.2754

■ 25.2776, 0.5011,
0.2753

■ 23.1130, 0.5353,
0.2802

■ 22.0126, 0.5657,
0.2897

■ 21.9154, 0.5690,
0.2908

Harmonies

Analogous

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



71.2134, 0.3146, 0.2977



71.2134, 0.3378, 0.3129



71.2134, 0.3545, 0.3323

Triad

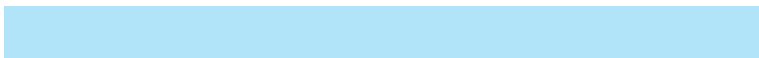
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.2134, 0.3378, 0.3129



71.2134, 0.3330, 0.3708



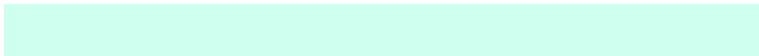
71.2134, 0.2680, 0.3038

Complementary

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



71.2134, 0.3378, 0.3129



91.0167, 0.2928, 0.3457

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.



71.2134, 0.2726, 0.3234



71.2134, 0.3378, 0.3129



71.2134, 0.3095, 0.3634

Square

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



71.2134, 0.3378, 0.3129



71.2134, 0.3514, 0.3661



71.2134, 0.2875, 0.3456



71.2134, 0.2748, 0.2921

Rectangle

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



71.2134, 0.3378, 0.3129



71.2134, 0.3593, 0.3455



71.2134, 0.2875, 0.3456



71.2134, 0.2683, 0.3097

Sweetspot

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



71.2098, 0.3378, 0.3129



89.9839, 0.3197, 0.3241



70.1930, 0.3035, 0.2804



19.0372, 0.3205, 0.3235



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

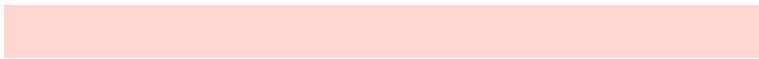
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.2098, 0.3378, 0.3129



65.8503, 0.3448, 0.3091



74.3629, 0.3483, 0.3373



18.0869, 0.3242, 0.3211



11.4759, 0.5647, 0.2885



1.1367, 0.5329, 0.2709

Inverse Universe

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



71.2098, 0.3378, 0.3129



65.8503, 0.3448, 0.3091



87.0054, 0.2839, 0.3206



18.0869, 0.3242, 0.3211



11.4759, 0.5647, 0.2885



1.1367, 0.5329, 0.2709

Previews

White Background



This preview shows how the Yxy color 71.2134, 0.3378, 0.3129 looks on a white background.

Color Contrast Check

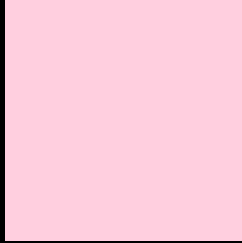
Large Text (above 18pt) WCAG AA × Fail

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 71.2134, 0.3378, 0.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

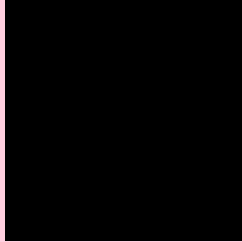
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.2134, 0.3378, 0.3129

Background



This preview shows how black text looks on a background with the Yxy color 71.2134, 0.3378, 0.3129.



This preview shows how white text looks on a background with the Yxy color 71.2134, 0.3378, 0.3129.

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

71.2134, 0.3378, 0.3129

Protanopia

71.7484, 0.3069, 0.3171

Deuteranopia

71.3877, 0.3265, 0.3196



Tritanopia

71.2134, 0.3378, 0.3129

Trichromacy



Original Color

71.2134, 0.3378, 0.3129

Protanomaly

71.4706, 0.3177, 0.3163

Deuteranomaly

71.2749, 0.3304, 0.3177

Tritanomaly

71.2134, 0.3378, 0.3129

Monochromacy



Original Color

71.2134, 0.3378, 0.3129

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.6156, 0.3217, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.2134, 0.3378, 0.3129 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, 207, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 223) }
```

Border

The CSS property to change the border of an element to Yxy 71.2134, 0.3378, 0.3129 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, 207, 223) }
```

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

```
.border{ border-color:rgb(255, 207, 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, 207, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 71.2134, 0.3378, 0.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 223) }
```

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

```
.background{ background-color: rgb(255,  
207, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor