

Converting Colors

Yxy(70.0449, 0.3411, 0.3149)

Have a look what the booklet for
Yxy(70.0449, 0.3411, 0.3149)
contains.

Yxy(70.0371, 0.3410, 0.3149)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(70.0371, 0.3410, 0.3149)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDDDB
RGB	255, 205, 219
RGB Percent	100%, 80%, 86%
CMY	0.0002, 0.1960, 0.1412
CMYK	0.00, 0.20, 0.14, 0.00
HSL	343°, 100%, 90%
HSV	343°, 20%, 100%
XYZ	75.8420, 70.0371, 76.5315
YIQ	221.5460, 25.3060, 14.9540

Conversions

Conversions Part 2

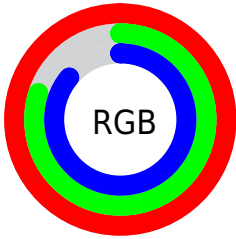
Format	Color
R _Y B	255, 205, 219
Decimal	16764379
CIE Lab	87.02, 19.73, -0.21
CIE LCh	87, 19.731, 359.385
Yxy	70.0371, 0.3410, 0.3149
Android (android.graphics.Color)	4294954459 (0xFFFFCDDDB)
YUV	221.5460, -1.2552, 29.3392
Hunter-Lab	83.6882, 15.3105, 4.3620

Details

The Yxy color **70.0371, 0.3410, 0.3149** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.8203, 0.2906, 0.3436**, and the grayscale version is **72.7049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.8193, 0.3481, 0.3122** is the 20% darker color. If you saturate the color by 10%, you get **57.9041, 0.3605, 0.3072**, and if you desaturate by 10%, it is **84.2705, 0.3251, 0.3223**.

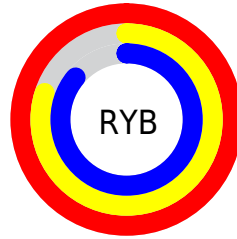
Distribution



Red (100%)

Green (80%)

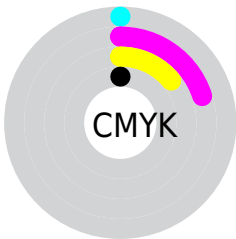
Blue (86%)



Red (100%)

Yellow (80%)

Blue (86%)

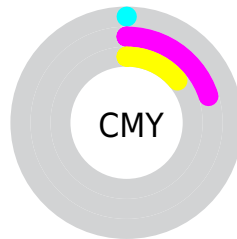


Cyan (0%)

Magenta (20%)

Yellow (14%)

Black (0%)



Cyan (0%)


Magenta (20%)


Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0371, 0.3410, 0.3149 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 70.0371, 0.3410, 0.3149 by changing the saturation by 10% instead.

 70.0371, 0.3410,
0.3149

 70.0371, 0.3410,
0.3149


460.6803, 0.3278,
0.3215

 51.5568, 0.3440,
0.3134


119.2617, 0.3364,
0.3172

 36.6519, 0.3478,
0.3115


150.7747, 0.3346,
0.3181

 24.9381, 0.3526,
0.3091


187.4007, 0.3331,
0.3188

 16.0309, 0.3589,
0.3060

229.5242, 0.3318,
0.3195

 9.5461, 0.3676,
0.3017

277.5295, 0.3306,
0.3201

 5.0990, 0.3802,
0.2954


331.8010, 0.3296,


 2.3055, 0.4004,


0.3206


0.2854


392.7231, 0.3286,
0.3211


 0.7766, 0.4387,
0.2663

 0.0000, 1.0000,
0.0000

 70.0371, 0.3410,
0.3149

 70.0371, 0.3410,
0.3149


 57.9041, 0.3605,
0.3072

 84.2705, 0.3251,
0.3223

 47.7623, 0.3843,
0.2996

99.9902, 0.3127,
0.3290

 39.5074, 0.4127,
0.2927

 33.0213, 0.4457,
0.2873

■ 28.1726, 0.4824,
0.2846

■ 24.8114, 0.5206,
0.2857

■ 22.7600, 0.5566,
0.2914

■ 21.7423, 0.5869,
0.3009

■ 21.7091, 0.5881,
0.3013

Harmonies

Analogous

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



70.0371, 0.3177, 0.2987



70.0371, 0.3410, 0.3149



70.0371, 0.3568, 0.3350

Triad

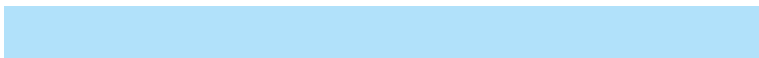
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.0371, 0.3410, 0.3149



70.0371, 0.3305, 0.3715



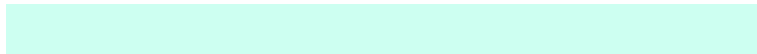
70.0371, 0.2673, 0.3013

Complementary

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



70.0371, 0.3410, 0.3149



90.8203, 0.2906, 0.3436

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.



70.0371, 0.2705, 0.3204



70.0371, 0.3410, 0.3149



70.0371, 0.3064, 0.3623

Square

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



70.0371, 0.3410, 0.3149



70.0371, 0.3504, 0.3681



70.0371, 0.2846, 0.3431



70.0371, 0.2757, 0.2905

Rectangle

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



70.0371, 0.3410, 0.3149



70.0371, 0.3606, 0.3483



70.0371, 0.2846, 0.3431



70.0371, 0.2671, 0.3069

Sweetspot

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



70.0403, 0.3410, 0.3149



89.9341, 0.3202, 0.3249



69.5591, 0.3048, 0.2787



19.0255, 0.3211, 0.3244



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

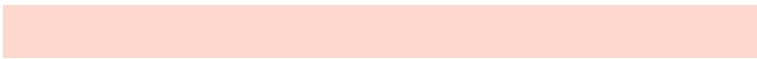
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.0403, 0.3410, 0.3149



65.6896, 0.3472, 0.3123



74.6913, 0.3495, 0.3401



18.0706, 0.3250, 0.3224



11.3704, 0.5839, 0.2990



1.1247, 0.5520, 0.2814

Inverse Universe

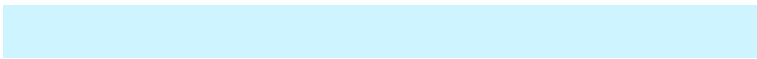
The Inverse Universe completely reimagines the original color for something new.



70.0403, 0.3410, 0.3149



65.6896, 0.3472, 0.3123



84.9809, 0.2826, 0.3176



18.0706, 0.3250, 0.3224



11.3704, 0.5839, 0.2990



1.1247, 0.5520, 0.2814

Previews

White Background



This preview shows how the Yxy color 70.0371, 0.3410, 0.3149 looks on a white background.

Color Contrast Check

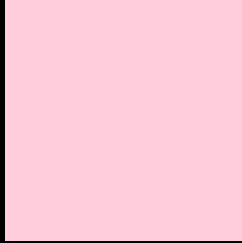
Large Text (above 18pt) WCAG AA × Fail

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 70.0371, 0.3410, 0.3149 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

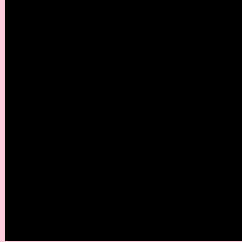
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.0371, 0.3410, 0.3149

Background



This preview shows how black text looks on a background with the Yxy color 70.0371, 0.3410, 0.3149.

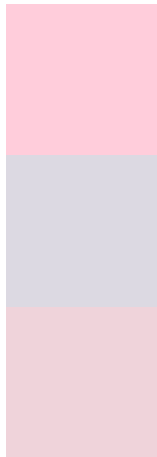


This preview shows how white text looks on a background with the Yxy color 70.0371, 0.3410, 0.3149.

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

70.0371, 0.3410, 0.3149

Protanopia

70.3323, 0.3089, 0.3192

Deuteranopia

70.0012, 0.3288, 0.3217



Tritanopia

70.1431, 0.3395, 0.3129

Trichromacy



Original Color

70.0371, 0.3410, 0.3149

Protanomaly

70.2399, 0.3206, 0.3184

Deuteranomaly

70.0754, 0.3336, 0.3197

Tritanomaly

70.0900, 0.3403, 0.3139

Monochromacy



Original Color

70.0371, 0.3410, 0.3149

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.8246, 0.3224, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0371, 0.3410, 0.3149 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, 205, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 219)  
}
```

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, 205, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 219) }
```

Border

The CSS property to change the border of an element to Yxy 70.0371, 0.3410, 0.3149 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, 205, 219) }
```

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

```
.border{ border-color:rgb(255, 205, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 205, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 205, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 205, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 205,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0371, 0.3410, 0.3149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 219) }
```

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

```
.background{ background-color: rgb(255,  
205, 219) }
```

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