

Converting Colors

$Y_{xy}(70.6736, 0.3424, 0.3185)$

Have a look what the booklet for
Yxy(70.6736, 0.3424, 0.3185)
contains.

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Color

Yxy(70.8954, 0.3422, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFD9
RGB	255, 207, 217
RGB Percent	100%, 81%, 85%
CMY	0.0001, 0.1882, 0.1489
CMYK	0.00, 0.19, 0.15, 0.00
HSL	347°, 100%, 91%
HSV	347°, 19%, 100%
XYZ	76.0753, 70.8954, 75.3416
YIQ	222.4920, 25.3980, 13.2860

Conversions

Conversions Part 2

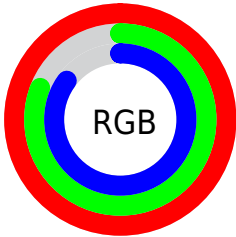
Format	Color
R_{YB}	255, 207, 217
Decimal	16764889
CIE _{Lab}	87.43, 18.40, 1.44
CIE _{LCh}	87, 18.455, 4.467
Y _{xy}	70.8954, 0.3422, 0.3189
Android (android.graphics.Color)	4294954969 (0xFFFFCFD9)
YUV	222.4920, -2.7076, 28.5095
Hunter-Lab	84.1994, 13.9282, 5.8869

Details

The Yxy color **70.8954, 0.3422, 0.3189** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.3653, 0.2896, 0.3394**, and the grayscale version is **73.4211, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3969, 0.3497, 0.3174** is the 20% darker color. If you saturate the color by 10%, you get **58.5378, 0.3634, 0.3132**, and if you desaturate by 10%, it is **85.3827, 0.3251, 0.3244**.

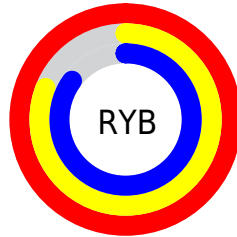
Distribution



Red (100%)

Green (81%)

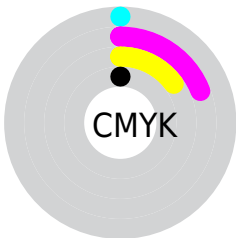
Blue (85%)



Red (100%)

Yellow (81%)

Blue (85%)

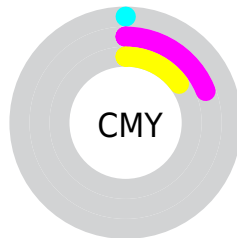


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.8954, 0.3422, 0.3189 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 70.8954, 0.3422, 0.3189 by changing the saturation by 10% instead.

 70.8954, 0.3422,
0.3189

 70.8954, 0.3422,
0.3189


463.6877, 0.3285,
0.3237

 52.2568, 0.3454,
0.3178


120.4848, 0.3374,
0.3206

 37.2098, 0.3493,
0.3164


152.2044, 0.3356,
0.3212

 25.3700, 0.3543,
0.3146


189.0531, 0.3340,
0.3218

 16.3529, 0.3609,
0.3123

231.4154, 0.3326,
0.3222

 9.7742, 0.3699,
0.3091

279.6756, 0.3313,
0.3227

 5.2495, 0.3831,
0.3043

334.2181, 0.3303,

 2.3944, 0.4042,

0.3230

0.2965

395.4274, 0.3293,
0.3234

0.8230, 0.4444,
0.2825

0.0000, 1.0000,
0.0000

70.8954, 0.3422,
0.3189

70.8954, 0.3422,
0.3189

58.5378, 0.3634,
0.3132

85.3827, 0.3251,
0.3244

48.2001, 0.3893,
0.3075

99.9966, 0.3127,
0.3290

39.7773, 0.4206,
0.3024

33.1508, 0.4570,
0.2985

■ 28.1888, 0.4974,
0.2969

■ 24.7415, 0.5388,
0.2985

■ 22.6316, 0.5766,
0.3038

■ 21.6045, 0.6062,
0.3121

■ 21.5161, 0.6092,
0.3130

Harmonies

Analogous

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



70.8954, 0.3213, 0.3028



70.8954, 0.3422, 0.3189



70.8954, 0.3552, 0.3379

Triad

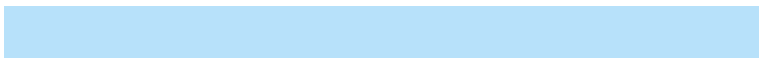
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.8954, 0.3422, 0.3189



70.8954, 0.3256, 0.3679



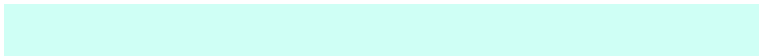
70.8954, 0.2709, 0.3009

Complementary

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



70.8954, 0.3422, 0.3189



91.3653, 0.2896, 0.3394

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.



70.8954, 0.2721, 0.3177



70.8954, 0.3422, 0.3189



70.8954, 0.3031, 0.3575

Square

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



70.8954, 0.3422, 0.3189



70.8954, 0.3452, 0.3667



70.8954, 0.2836, 0.3386



70.8954, 0.2805, 0.2923

Rectangle

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



70.8954, 0.3422, 0.3189



70.8954, 0.3573, 0.3500



70.8954, 0.2836, 0.3386



70.8954, 0.2701, 0.3057

Sweetspot

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



70.8986, 0.3422, 0.3189



89.8685, 0.3209, 0.3259



71.1879, 0.3075, 0.2811



19.0100, 0.3218, 0.3256



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

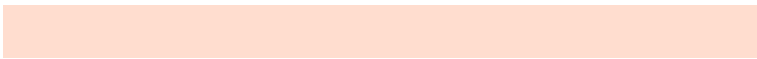
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8986, 0.3422, 0.3189



65.4818, 0.3505, 0.3165



77.2651, 0.3472, 0.3429



18.0492, 0.3261, 0.3241



11.2617, 0.6056, 0.3110



1.1115, 0.5754, 0.2944

Inverse Universe

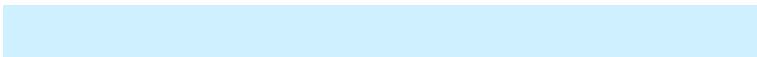
The Inverse Universe completely reimagines the original color for something new.



70.8986, 0.3422, 0.3189



65.4818, 0.3505, 0.3165



83.6273, 0.2836, 0.3147



18.0492, 0.3261, 0.3241



11.2617, 0.6056, 0.3110



1.1115, 0.5754, 0.2944

Previews

White Background



This preview shows how the Yxy color 70.8954, 0.3422, 0.3189 looks on a white background.

Color Contrast Check

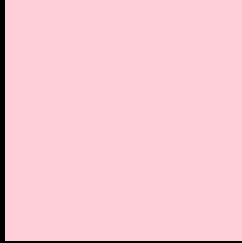
Large Text (above 18pt) WCAG AA × Fail

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 70.8954, 0.3422, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

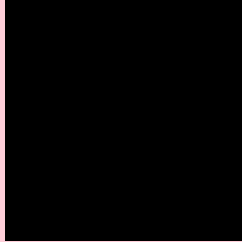
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.8954, 0.3422, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 70.8954, 0.3422, 0.3189.

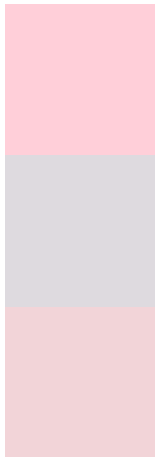


This preview shows how white text looks on a background with the Yxy color 70.8954, 0.3422, 0.3189.

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

70.8954, 0.3422, 0.3189

Protanopia

71.0001, 0.3123, 0.3236

Deuteranopia

70.9221, 0.3324, 0.3249



Tritanopia

70.6765, 0.3386, 0.3129

Trichromacy



Original Color

70.8954, 0.3422, 0.3189

Protanomaly

70.8060, 0.3226, 0.3216

Deuteranomaly

70.8252, 0.3364, 0.3229

Tritanomaly

70.5699, 0.3401, 0.3149

Monochromacy



Original Color

70.8954, 0.3422, 0.3189

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.2854, 0.3230, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8954, 0.3422, 0.3189 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, 217)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 217) }
```

Border

The CSS property to change the border of an element to Yxy 70.8954, 0.3422, 0.3189 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, 217) }
```

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

```
.border{ border-color:rgb(255, 207, 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, 207, 217) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 217);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
217) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.8954, 0.3422, 0.3189$ 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, 217) }
```

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

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