

Converting Colors

$Y_{xy}(70.6577, 0.3427, 0.3190)$

Have a look what the booklet for
Yxy(70.6577, 0.3427, 0.3190)
contains.

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Color

Yxy(70.8435, 0.3430, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFD8
RGB	255, 207, 216
RGB Percent	100%, 81%, 85%
CMY	0.0000, 0.1883, 0.1528
CMYK	0.00, 0.19, 0.15, 0.00
HSL	349°, 100%, 91%
HSV	349°, 19%, 100%
XYZ	75.9591, 70.8435, 74.6525
YIQ	222.3780, 25.7190, 12.9750

Conversions

Conversions Part 2

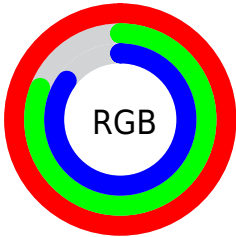
Format	Color
R _Y B	255, 207, 216
Decimal	16764888
CIE _{Lab}	87.41, 18.27, 1.93
CIE _{LCh}	87, 18.373, 6.045
Y _{xy}	70.8435, 0.3430, 0.3199
Android (android.graphics.Color)	4294954968 (0xFFFFCFD8)
YUV	222.3780, -3.1444, 28.6095
Hunter-Lab	84.1686, 13.7948, 6.3313

Details

The Yxy color **70.8435, 0.3430, 0.3199** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **91.4357, 0.2891, 0.3383**, and the grayscale version is **73.3339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3614, 0.3507, 0.3187** is the 20% darker color. If you saturate the color by 10%, you get **58.4623, 0.3647, 0.3147**, and if you desaturate by 10%, it is **85.3481, 0.3254, 0.3249**.

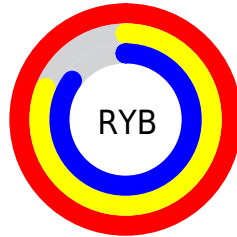
Distribution



Red (100%)

Green (81%)

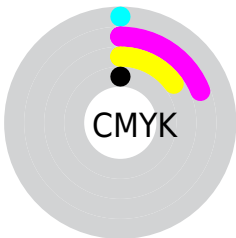
Blue (85%)



Red (100%)

Yellow (81%)

Blue (85%)

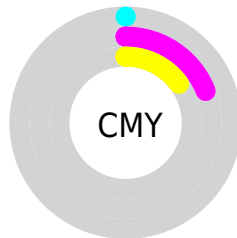


Cyan (0%)

Magenta (19%)

Yellow (15%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (15%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.8435, 0.3430, 0.3199 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 70.8435, 0.3430, 0.3199 by changing the saturation by 10% instead.


 70.8435, 0.3430,
0.3199

 70.8435, 0.3430,
0.3199

463.5062, 0.3289,
0.3242

 52.2145, 0.3463,
0.3189


120.4109, 0.3381,
0.3214

 37.1761, 0.3503,
0.3176


152.1180, 0.3362,
0.3220

 25.3438, 0.3555,
0.3160


188.9533, 0.3345,
0.3225

 16.3334, 0.3622,
0.3139

231.3012, 0.3331,
0.3229

 9.7604, 0.3715,
0.3109

279.5460, 0.3318,
0.3233

 5.2404, 0.3852,
0.3064

334.0722, 0.3307,

 2.3890, 0.4069,

0.3237

0.2991

395.2641, 0.3298,
0.3240

0.8202, 0.4492,
0.2863

0.0000, 1.0000,
0.0000

70.8435, 0.3430,
0.3199

70.8435, 0.3430,
0.3199

58.4623, 0.3647,
0.3147

85.3481, 0.3254,
0.3249

48.1140, 0.3915,
0.3096

100.0000, 0.3127,
0.3290

39.6865, 0.4237,
0.3051

33.0607, 0.4612,
0.3017

■ 28.1044, 0.5026,
0.3004

■ 24.6670, 0.5448,
0.3021

■ 22.5704, 0.5827,
0.3072

■ 21.5588, 0.6116,
0.3150

■ 21.4733, 0.6145,
0.3159

Harmonies

Analogous

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



70.8435, 0.3225, 0.3036



70.8435, 0.3430, 0.3199



70.8435, 0.3553, 0.3388

Triad

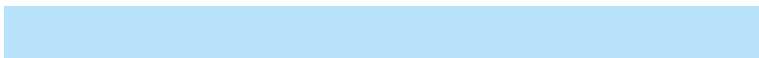
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.8435, 0.3430, 0.3199



70.8435, 0.3244, 0.3674



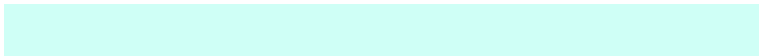
70.8435, 0.2713, 0.3003

Complementary

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



70.8435, 0.3430, 0.3199



91.4357, 0.2891, 0.3383

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.



70.8435, 0.2719, 0.3167



70.8435, 0.3430, 0.3199



70.8435, 0.3020, 0.3565

Square

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



70.8435, 0.3430, 0.3199



70.8435, 0.3442, 0.3669



70.8435, 0.2829, 0.3375



70.8435, 0.2814, 0.2922

Rectangle

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



70.8435, 0.3430, 0.3199



70.8435, 0.3570, 0.3508



70.8435, 0.2829, 0.3375



70.8435, 0.2703, 0.3050

Sweetspot

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



70.8402, 0.3430, 0.3199



89.8494, 0.3211, 0.3262



71.3251, 0.3080, 0.2811



19.0055, 0.3220, 0.3259



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

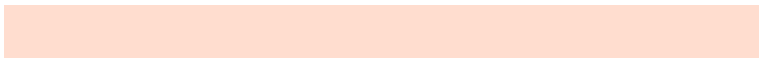
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.8402, 0.3430, 0.3199



65.4219, 0.3515, 0.3178



77.6854, 0.3471, 0.3437



18.0429, 0.3265, 0.3245



11.2361, 0.6110, 0.3140



1.1082, 0.5818, 0.2979

Inverse Universe

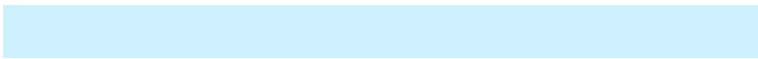
The Inverse Universe completely reimagines the original color for something new.



70.8402, 0.3430, 0.3199



65.4219, 0.3515, 0.3178



83.1563, 0.2835, 0.3138



18.0429, 0.3265, 0.3245



11.2361, 0.6110, 0.3140



1.1082, 0.5818, 0.2979

Previews

White Background



This preview shows how the Yxy color 70.8435, 0.3430, 0.3199 looks on a white background.

Color Contrast Check

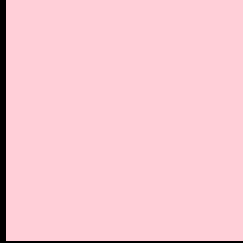
Large Text (above 18pt) WCAG AA × Fail

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 70.8435, 0.3430, 0.3199 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

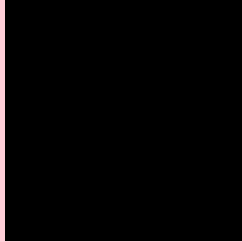
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.8435, 0.3430, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 70.8435, 0.3430, 0.3199.



This preview shows how white text looks on a background with the Yxy color 70.8435, 0.3430, 0.3199.

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

70.8435, 0.3430, 0.3199

Protanopia

70.9463, 0.3129, 0.3247

Deuteranopia

70.8705, 0.3331, 0.3259



Tritanopia

70.6765, 0.3386, 0.3129

Trichromacy



Original Color

70.8435, 0.3430, 0.3199

Protanomaly

70.7529, 0.3233, 0.3227

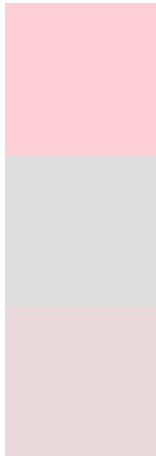
Deuteranomaly

70.7736, 0.3371, 0.3239

Tritanomaly

70.5699, 0.3401, 0.3149

Monochromacy



Original Color

70.8435, 0.3430, 0.3199

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 70.8435, 0.3430, 0.3199 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, 216)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 216)  
}
```

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, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 216) }
```

Border

The CSS property to change the border of an element to Yxy 70.8435, 0.3430, 0.3199 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, 216) }
```

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

```
.border{ border-color:rgb(255, 207, 216) }
```

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, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 216);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 70.8435, 0.3430, 0.3199 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, 216) }
```

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

```
.background{ background-color: rgb(255,  
207, 216) }
```

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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