

Converting Colors

$Yxy(71.5137, 0.3368, 0.3091)$

Have a look what the booklet for
Yxy(71.5137, 0.3368, 0.3091)
contains.

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Color

Yxy(70.8936, 0.3357, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	FFCEE2
RGB	255, 206, 226
RGB Percent	100%, 81%, 89%
CMY	0.0000, 0.1922, 0.1138
CMYK	0.00, 0.19, 0.11, 0.00
HSL	336°, 100%, 90%
HSV	336°, 19%, 100%
XYZ	77.0443, 70.8936, 81.5655
YIQ	222.9310, 22.7840, 16.6080

Conversions

Conversions Part 2

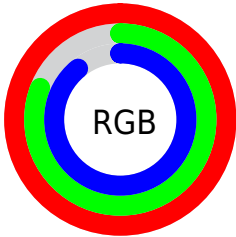
Format	Color
R _Y B	255, 206, 226
Decimal	16764642
CIE Lab	87.43, 20.37, -3.31
CIE LCh	87, 20.632, 350.776
Yxy	70.8936, 0.3357, 0.3089
Android (android.graphics.Color)	4294954722 (0xFFFFCEE2)
YUV	222.9310, 1.5130, 28.1245
Hunter-Lab	84.1983, 15.9864, 1.5028

Details

The Yxy color **70.8936, 0.3357, 0.3089** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.6401, 0.2943, 0.3501**, and the grayscale version is **73.7143, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4025, 0.3409, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **58.8015, 0.3515, 0.2978**, and if you desaturate by 10%, it is **85.0467, 0.3226, 0.3196**.

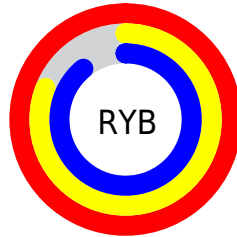
Distribution



Red (100%)

Green (81%)

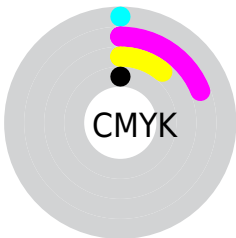
Blue (89%)



Red (100%)

Yellow (81%)

Blue (89%)

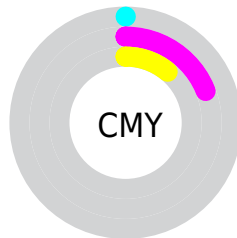


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.8936, 0.3357, 0.3089 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 70.8936, 0.3357, 0.3089 by changing the saturation by 10% instead.

 70.8936, 0.3357,
0.3089

 70.8936, 0.3357,
0.3089


463.6814, 0.3251,
0.3181

 52.2554, 0.3381,
0.3068


120.4822, 0.3320,
0.3121

 37.2087, 0.3411,
0.3042


152.2014, 0.3306,
0.3133

 25.3691, 0.3449,
0.3010


189.0497, 0.3293,
0.3144

 16.3523, 0.3499,
0.2968

231.4114, 0.3283,
0.3153

 9.7738, 0.3567,
0.2910

279.6711, 0.3273,
0.3162

 5.2492, 0.3665,
0.2829

334.2131, 0.3265,

 2.3942, 0.3819,

0.3169

0.2703

395.4217, 0.3257,
0.3175

0.8229, 0.4096,
0.2479

0.0000, 1.0000,
0.0000

70.8936, 0.3357,
0.3089

70.8936, 0.3357,
0.3089

58.8015, 0.3515,
0.2978

85.0467, 0.3226,
0.3196

48.6780, 0.3705,
0.2867

100.0000, 0.3127,
0.3290

40.4157, 0.3930,
0.2764

33.8987, 0.4190,
0.2678

■ 28.9980, 0.4480,
0.2622

■ 25.5667, 0.4786,
0.2608

■ 23.4305, 0.5091,
0.2648

■ 22.3277, 0.5372,
0.2737

■ 22.2601, 0.5394,
0.2745

Harmonies

Analogous

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



70.8936, 0.3105, 0.2939



70.8936, 0.3357, 0.3089



70.8936, 0.3551, 0.3290

Triad

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



70.8936, 0.3357, 0.3089



70.8936, 0.3379, 0.3736



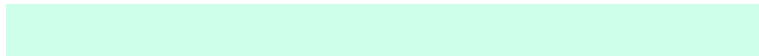
70.8936, 0.2652, 0.3051

Complementary

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



70.8936, 0.3357, 0.3089



90.6401, 0.2943, 0.3501

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.



70.8936, 0.2719, 0.3267



70.8936, 0.3357, 0.3089



70.8936, 0.3133, 0.3678

Square

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



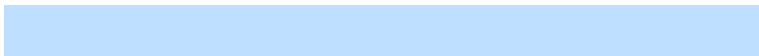
70.8936, 0.3357, 0.3089



70.8936, 0.3562, 0.3665



70.8936, 0.2893, 0.3502



70.8936, 0.2705, 0.2911

Rectangle

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



70.8936, 0.3357, 0.3089



70.8936, 0.3617, 0.3432



70.8936, 0.2893, 0.3502



70.8936, 0.2661, 0.3116

Sweetspot

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



70.8918, 0.3357, 0.3089



90.0539, 0.3190, 0.3230



68.9526, 0.3003, 0.2789



19.0537, 0.3197, 0.3223



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.



70.8918, 0.3357, 0.3089



66.0799, 0.3413, 0.3047



71.8493, 0.3500, 0.3333



18.1099, 0.3230, 0.3193



11.6592, 0.5351, 0.2722



1.1562, 0.5053, 0.2557

Inverse Universe

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



70.8918, 0.3357, 0.3089



66.0799, 0.3413, 0.3047



89.2836, 0.2836, 0.3247



18.1099, 0.3230, 0.3193



11.6592, 0.5351, 0.2722



1.1562, 0.5053, 0.2557

Previews

White Background



This preview shows how the Yxy color 70.8936, 0.3357, 0.3089 looks on a white background.

Color Contrast Check

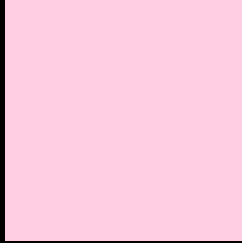
Large Text (above 18pt) WCAG AA × Fail

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 70.8936, 0.3357, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

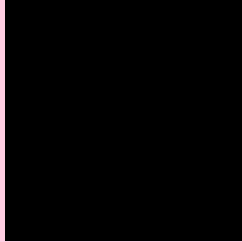
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.8936, 0.3357, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 70.8936, 0.3357, 0.3089.

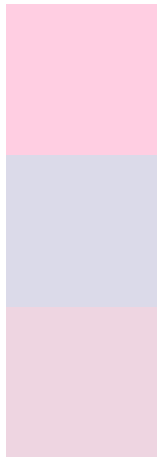


This preview shows how white text looks on a background with the Yxy color 70.8936, 0.3357, 0.3089.

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

70.8936, 0.3357, 0.3089

Protanopia

71.0861, 0.3036, 0.3128

Deuteranopia

71.2019, 0.3229, 0.3165



Tritanopia

71.2134, 0.3378, 0.3129

Trichromacy



Original Color

70.8936, 0.3357, 0.3089

Protanomaly

70.9621, 0.3150, 0.3121

Deuteranomaly

70.7625, 0.3276, 0.3135

Tritanomaly

71.2675, 0.3370, 0.3119

Monochromacy



Original Color

70.8936, 0.3357, 0.3089

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.6697, 0.3210, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.8936, 0.3357, 0.3089 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, 206, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 226)  
}
```

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, 206, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 226) }
```

Border

The CSS property to change the border of an element to Yxy 70.8936, 0.3357, 0.3089 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, 206, 226) }
```

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

```
.border{ border-color:rgb(255, 206, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
226) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 70.8936, 0.3357, 0.3089$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 226) }
```

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

```
.background{ background-color: rgb(255,  
206, 226) }
```

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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