

Converting Colors

$Y_{xy}(70.9286, 0.3367, 0.3179)$

Have a look what the booklet for
Yxy(70.9286, 0.3367, 0.3179)
contains.

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Color

Yxy(71.0394, 0.3366, 0.3188)

Conversions

Conversions Part 1

Format	Color
Hex	FAD1DB
RGB	250, 209, 219
RGB Percent	98%, 82%, 86%
CMY	0.0197, 0.1803, 0.1411
CMYK	0.00, 0.16, 0.12, 0.02
HSL	345°, 80%, 90%
HSV	345°, 16%, 98%
XYZ	75.0058, 71.0394, 76.7885
YIQ	222.3990, 21.2260, 11.8020

Conversions

Conversions Part 2

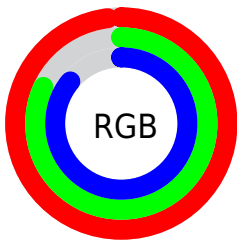
Format	Color
R _Y B	250, 209, 219
Decimal	16437723
CIE Lab	87.50, 15.91, 0.43
CIE LCh	88, 15.917, 1.558
Yxy	71.0394, 0.3366, 0.3188
Android (android.graphics.Color)	4294627803 (0xFFFA ^{D1DB})
YUV	222.3990, -1.6757, 24.2061
Hunter-Lab	84.2849, 11.3502, 4.9827

Details

The Yxy color **71.0394, 0.3366, 0.3188** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.2024, 0.2933, 0.3395**, and the grayscale version is **73.3456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.1290, 0.3424, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **58.7832, 0.3558, 0.3121**, and if you desaturate by 10%, it is **85.3393, 0.3211, 0.3252**.

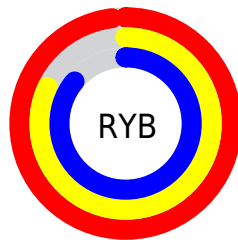
Distribution



Red (98%)

Green (82%)

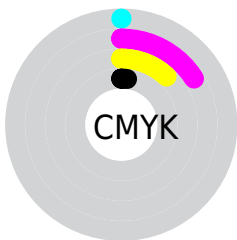
Blue (86%)



Red (98%)

Yellow (82%)

Blue (86%)

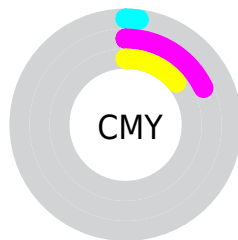


Cyan (0%)

Magenta (16%)

Yellow (12%)

Black (2%)



Cyan (2%)

Magenta (18%)


Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.0394, 0.3366, 0.3188 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 71.0394, 0.3366, 0.3188 by changing the saturation by 10% instead.


 71.0394, 0.3366,
0.3188

 71.0394, 0.3366,
0.3188


464.1912, 0.3255,
0.3236

 52.3744, 0.3392,
0.3177


120.6898, 0.3327,
0.3205

 37.3036, 0.3423,
0.3163


152.4440, 0.3312,
0.3211

 25.4426, 0.3464,
0.3146

189.3300, 0.3299,
0.3217

 16.4071, 0.3517,
0.3123

231.7322, 0.3288,
0.3221

 9.8127, 0.3590,
0.3092

280.0350, 0.3278,
0.3226

 5.2749, 0.3696,
0.3045

334.6229, 0.3270,

 2.4095, 0.3865,

0.3229

0.2972

395.8801, 0.3262,
0.3233

0.8308, 0.4180,
0.2836

0.0000, 1.0000,
0.0000

71.0394, 0.3366,
0.3188

71.0394, 0.3366,
0.3188

58.7832, 0.3558,
0.3121

85.3393, 0.3211,
0.3252

48.4680, 0.3793,
0.3055

99.0593, 0.3096,
0.3290

39.9963, 0.4076,
0.2992

33.2586, 0.4410,
0.2941

■ 28.1335, 0.4787,
0.2911

■ 24.4840, 0.5185,
0.2914

■ 22.1497, 0.5568,
0.2957

■ 20.9314, 0.5891,
0.3041

■ 20.6569, 0.5991,
0.3074

Harmonies

Analogous

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



71.0394, 0.3183, 0.3052



71.0394, 0.3366, 0.3188



71.0394, 0.3486, 0.3352

Triad

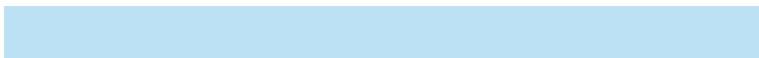
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.0394, 0.3366, 0.3188



71.0394, 0.3258, 0.3627



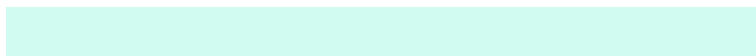
71.0394, 0.2762, 0.3060

Complementary

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



71.0394, 0.3366, 0.3188



88.2024, 0.2933, 0.3395

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.



71.0394, 0.2781, 0.3210



71.0394, 0.3366, 0.3188



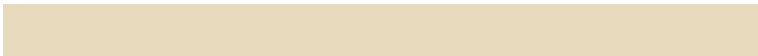
71.0394, 0.3063, 0.3547

Square

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



71.0394, 0.3366, 0.3188



71.0394, 0.3421, 0.3609



71.0394, 0.2890, 0.3391



71.0394, 0.2837, 0.2976

Rectangle

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



71.0394, 0.3366, 0.3188



71.0394, 0.3511, 0.3459



71.0394, 0.2890, 0.3391



71.0394, 0.2758, 0.3104

Sweetspot

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



71.0426, 0.3366, 0.3188



91.5280, 0.3192, 0.3260



70.9872, 0.3073, 0.2874



19.3456, 0.3201, 0.3256



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

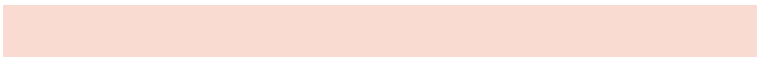
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.0426, 0.3366, 0.3188



69.4273, 0.3431, 0.3164



75.7192, 0.3423, 0.3396



17.2947, 0.3255, 0.3232



10.9785, 0.5951, 0.3052



1.0328, 0.5621, 0.2870

Inverse Universe

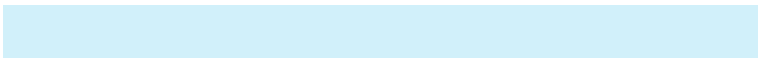
The Inverse Universe completely reimagines the original color for something new.



71.0426, 0.3366, 0.3188



69.4273, 0.3431, 0.3164



82.6219, 0.2874, 0.3182



17.2947, 0.3255, 0.3232



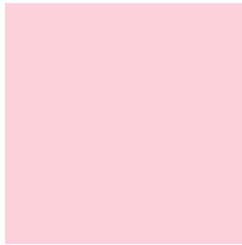
10.9785, 0.5951, 0.3052



1.0328, 0.5621, 0.2870

Previews

White Background



This preview shows how the Yxy color 71.0394, 0.3366, 0.3188 looks on a white background.

Color Contrast Check

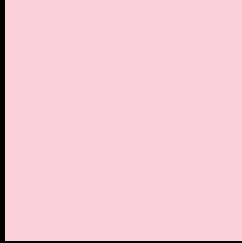
Large Text (above 18pt) WCAG AA × Fail

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 71.0394, 0.3366, 0.3188 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 71.0394, 0.3366, 0.3188

Background



This preview shows how black text looks on a background with the Yxy color 71.0394, 0.3366, 0.3188.

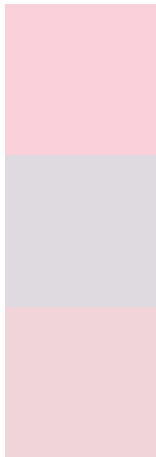


This preview shows how white text looks on a background with the Yxy color 71.0394, 0.3366, 0.3188.

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

71.0394, 0.3366, 0.3188

Protanopia

71.0542, 0.3116, 0.3225

Deuteranopia

70.8497, 0.3302, 0.3228



Tritanopia

71.0028, 0.3339, 0.3127

Trichromacy



Original Color

71.0394, 0.3366, 0.3188

Protanomaly

71.0306, 0.3204, 0.3216

Deuteranomaly

70.8836, 0.3325, 0.3218

Tritanomaly

70.8949, 0.3353, 0.3148

Monochromacy



Original Color

71.0394, 0.3366, 0.3188

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.0020, 0.3209, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.0394, 0.3366, 0.3188 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(250, 209, 219)` looks like.

```
.text, #text, p{  
  color:rgb(250, 209, 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(250, 209, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 209, 219) }
```

Border

The CSS property to change the border of an element to Yxy 71.0394, 0.3366, 0.3188 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(250, 209, 219) }
```

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

```
.border{ border-color:rgb(250, 209, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 209, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 209, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 209, 219);  
box-shadow:4px 4px 4px 4px rgb(250, 209,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 71.0394, 0.3366, 0.3188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 209, 219) }
```

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

```
.background{ background-color: rgb(250,  
209, 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](#).

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