

Converting Colors

$Yxy(71.6011, 0.3323, 0.3118)$

Have a look what the booklet for
Yxy(71.6011, 0.3323, 0.3118)
contains.

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Color

Yxy(71.6011, 0.3323, 0.3118)

Conversions

Conversions Part 1

Format	Color
Hex	FBD1E2
RGB	251, 209, 226
RGB Percent	98%, 82%, 89%
CMY	0.0157, 0.1804, 0.1138
CMYK	0.00, 0.17, 0.10, 0.02
HSL	336°, 84%, 90%
HSV	336°, 17%, 98%
XYZ	76.3087, 71.6011, 81.7281
YIQ	223.4960, 19.5750, 14.1910

Conversions

Conversions Part 2

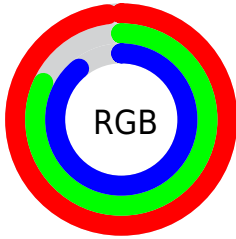
Format	Color
R _Y B	251, 209, 226
Decimal	16503266
CIE _{Lab}	87.78, 17.40, -2.84
CIE _{LCh}	88, 17.628, 350.741
Y _{xy}	71.6011, 0.3323, 0.3118
Android (android.graphics.Color)	4294693346 (0xFFFFBD1E2)
Y _{UV}	223.4960, 1.2345, 24.1210
Hunter-Lab	84.6174, 12.8922, 1.9667

Details

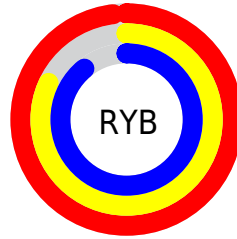
The Yxy color **71.6011, 0.3323, 0.3118** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **88.4955, 0.2965, 0.3469**, and the grayscale version is **74.1447, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5208, 0.3366, 0.3069** is the 20% darker color. If you saturate the color by 10%, you get **59.4563, 0.3475, 0.3009**, and if you desaturate by 10%, it is **85.7642, 0.3198, 0.3223**.

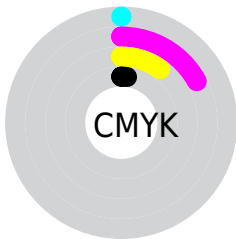
Distribution



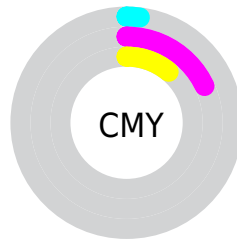
- Red (98%)
- Green (82%)
- Blue (89%)



- Red (98%)
- Yellow (82%)
- Blue (89%)



- Cyan (0%)
- Magenta (17%)
- Yellow (10%)
- Black (2%)





- Cyan (2%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6011, 0.3323, 0.3118 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 71.6011, 0.3323, 0.3118 by changing the saturation by 10% instead.

 71.6011, 0.3323,
0.3118

 71.6011, 0.3323,
0.3118

466.1520, 0.3233,
0.3197

 52.8329, 0.3344,
0.3100


121.4892, 0.3292,
0.3145

 37.6694, 0.3369,
0.3078

153.3779, 0.3279,
0.3156

 25.7262, 0.3401,
0.3050

190.4089, 0.3269,
0.3165

 16.6189, 0.3444,
0.3014

232.9666, 0.3260,
0.3173

 9.9632, 0.3501,
0.2965

281.4353, 0.3252,
0.3180

 5.3745, 0.3585,
0.2895

336.1996, 0.3245,

 2.4687, 0.3715,

0.3186

0.2786

397.6436, 0.3238,
0.3192

0.8609, 0.3950,
0.2595

0.0000, 1.0000,
0.0000

71.6011, 0.3323,
0.3118

71.6011, 0.3323,
0.3118

59.4563, 0.3475,
0.3009

85.7642, 0.3198,
0.3223

49.2277, 0.3658,
0.2899

99.2497, 0.3102,
0.3290

40.8190, 0.3875,
0.2794

34.1212, 0.4129,
0.2704

■ 29.0138, 0.4414,
0.2640

■ 25.3603, 0.4720,
0.2615

■ 23.0009, 0.5029,
0.2641

■ 21.7343, 0.5318,
0.2720

■ 21.4569, 0.5408,
0.2753

Harmonies

Analogous

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



71.6011, 0.3109, 0.2989



71.6011, 0.3323, 0.3118



71.6011, 0.3487, 0.3291

Triad

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



71.6011, 0.3323, 0.3118



71.6011, 0.3343, 0.3668



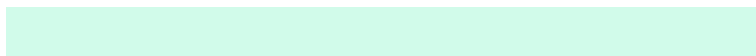
71.6011, 0.2721, 0.3088

Complementary

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



71.6011, 0.3323, 0.3118



88.4955, 0.2965, 0.3469

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.



71.6011, 0.2779, 0.3272



71.6011, 0.3323, 0.3118



71.6011, 0.3134, 0.3618

Square

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



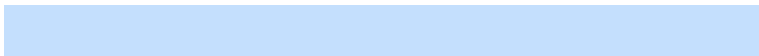
71.6011, 0.3323, 0.3118



71.6011, 0.3497, 0.3610



71.6011, 0.2928, 0.3470



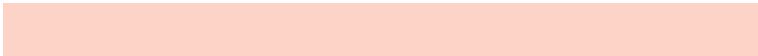
71.6011, 0.2766, 0.2967

Rectangle

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



71.6011, 0.3323, 0.3118



71.6011, 0.3543, 0.3413



71.6011, 0.2928, 0.3470



71.6011, 0.2729, 0.3144

Sweetspot

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



71.6043, 0.3323, 0.3118



91.6533, 0.3179, 0.3240



69.9791, 0.3022, 0.2858



19.3760, 0.3187, 0.3233



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.



71.6043, 0.3323, 0.3118



69.8602, 0.3370, 0.3082



72.4550, 0.3442, 0.3327



17.3414, 0.3230, 0.3195



11.3054, 0.5366, 0.2730



1.0674, 0.5051, 0.2556

Inverse Universe

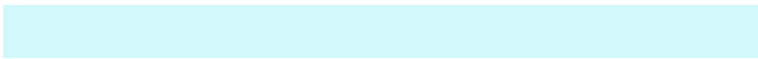
The Inverse Universe completely reimagines the original color for something new.



71.6043, 0.3323, 0.3118



69.8602, 0.3370, 0.3082



87.3515, 0.2872, 0.3253



17.3414, 0.3230, 0.3195



11.3054, 0.5366, 0.2730



1.0674, 0.5051, 0.2556

Previews

White Background



This preview shows how the Yxy color 71.6011, 0.3323, 0.3118 looks on a white background.

Color Contrast Check

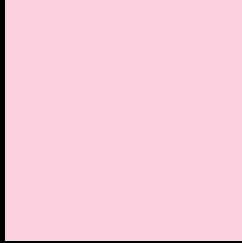
Large Text (above 18pt) WCAG AA × Fail

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 71.6011, 0.3323, 0.3118 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

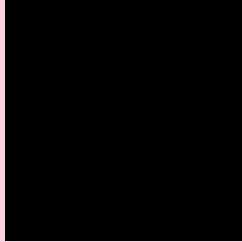
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.6011, 0.3323, 0.3118

Background



This preview shows how black text looks on a background with the Yxy color 71.6011, 0.3323, 0.3118.



This preview shows how white text looks on a background with the Yxy color 71.6011, 0.3323, 0.3118.

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

71.6011, 0.3323, 0.3118

Protanopia

71.8614, 0.3056, 0.3150

Deuteranopia

71.3755, 0.3236, 0.3165



Tritanopia

71.5464, 0.3330, 0.3128

Trichromacy



Original Color

71.6011, 0.3323, 0.3118

Protanomaly

71.4699, 0.3149, 0.3132

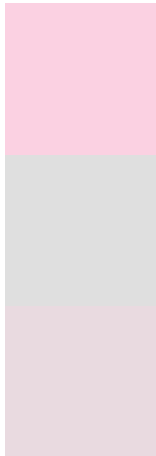
Deuteranomaly

71.5779, 0.3267, 0.3156

Tritanomaly

71.5464, 0.3330, 0.3128

Monochromacy



Original Color

71.6011, 0.3323, 0.3118

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.8483, 0.3195, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6011, 0.3323, 0.3118 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(251, 209, 226)` looks like.

```
.text, #text, p{  
    color:rgb(251, 209, 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(251, 209, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 209, 226) }
```

Border

The CSS property to change the border of an element to Yxy 71.6011, 0.3323, 0.3118 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(251, 209, 226) }
```

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

```
.border{ border-color:rgb(251, 209, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 209, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 209, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 209, 226);  
box-shadow:4px 4px 4px 4px rgb(251, 209,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6011, 0.3323, 0.3118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 209, 226) }
```

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

```
.background{ background-color: rgb(251,  
209, 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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