

Converting Colors

$Yxy(71.5613, 0.3348, 0.3198)$

Have a look what the booklet for
Yxy(71.5613, 0.3348, 0.3198)
contains.

Yxy(71.7123, 0.3341, 0.3198)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(71.7123, 0.3341, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	F8D3DC
RGB	248, 211, 220
RGB Percent	97%, 83%, 86%
CMY	0.0275, 0.1725, 0.1372
CMYK	0.00, 0.15, 0.11, 0.03
HSL	345°, 72%, 90%
HSV	345°, 15%, 97%
XYZ	74.9189, 71.7123, 77.6098
YIQ	223.0890, 19.1630, 10.6430

Conversions

Conversions Part 2

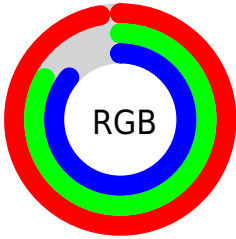
Format	Color
R _Y B	248, 211, 220
Decimal	16307164
CIE Lab	87.83, 14.33, 0.36
CIE LCh	88, 14.333, 1.447
Yxy	71.7123, 0.3341, 0.3198
Android (android.graphics.Color)	4294497244 (0xFFF8D3DC)
YUV	223.0890, -1.5229, 21.8469
Hunter-Lab	84.6831, 9.7231, 4.9405

Details

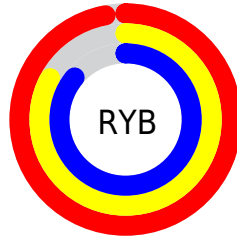
The Yxy color **71.7123, 0.3341, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.2032, 0.2950, 0.3384**, and the grayscale version is **73.8602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.5699, 0.3390, 0.3171** is the 20% darker color. If you saturate the color by 10%, you get **59.3899, 0.3527, 0.3132**, and if you desaturate by 10%, it is **86.0532, 0.3190, 0.3261**.

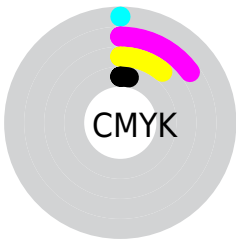
Distribution



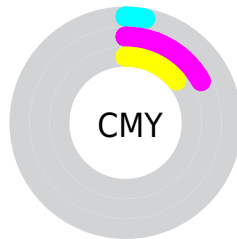
- Red (97%)
- Green (83%)
- Blue (86%)



- Red (97%)
- Yellow (83%)
- Blue (86%)



- Cyan (0%)
- Magenta (15%)
- Yellow (11%)
- Black (3%)




- Cyan (3%)
- Magenta (17%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7123, 0.3341, 0.3198 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 71.7123, 0.3341, 0.3198 by changing the saturation by 10% instead.

 71.7123, 0.3341,
0.3198

 71.7123, 0.3341,
0.3198

466.5396, 0.3242,
0.3241

 52.9237, 0.3364,
0.3188


121.6474, 0.3306,
0.3213

 37.7419, 0.3392,
0.3176


153.5627, 0.3293,
0.3219

 25.7824, 0.3428,
0.3160


190.6223, 0.3281,
0.3224

 16.6609, 0.3475,
0.3140

233.2107, 0.3271,
0.3228

 9.9930, 0.3540,
0.3112

281.7122, 0.3263,
0.3232

 5.3943, 0.3634,
0.3070

336.5113, 0.3255,

 2.4804, 0.3784,

0.3235

0.3005

397.9923, 0.3248,
0.3238

0.8668, 0.4058,
0.2885

0.0000, 1.0000,
0.0000

71.7123, 0.3341,
0.3198

71.7123, 0.3341,
0.3198

59.3899, 0.3527,
0.3132

86.0532, 0.3190,
0.3261

48.9860, 0.3755,
0.3065

98.6925, 0.3084,
0.3290

40.4063, 0.4032,
0.3002

33.5448, 0.4359,
0.2949

■ 28.2844, 0.4730,
0.2915

■ 24.4932, 0.5127,
0.2913

■ 22.0183, 0.5515,
0.2950

■ 20.6721, 0.5850,
0.3027

■ 20.2826, 0.5992,
0.3075

Harmonies

Analogous

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



71.7123, 0.3177, 0.3075



71.7123, 0.3341, 0.3198



71.7123, 0.3448, 0.3346

Triad

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



71.7123, 0.3341, 0.3198



71.7123, 0.3245, 0.3592



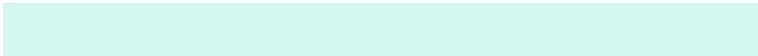
71.7123, 0.2799, 0.3084

Complementary

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



71.7123, 0.3341, 0.3198



87.2032, 0.2950, 0.3384

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.



71.7123, 0.2816, 0.3220



71.7123, 0.3341, 0.3198



71.7123, 0.3071, 0.3520

Square

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



71.7123, 0.3341, 0.3198



71.7123, 0.3391, 0.3577



71.7123, 0.2915, 0.3381



71.7123, 0.2866, 0.3008

Rectangle

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



71.7123, 0.3341, 0.3198



71.7123, 0.3471, 0.3442



71.7123, 0.2915, 0.3381



71.7123, 0.2795, 0.3124

Sweetspot

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



71.7155, 0.3341, 0.3198



93.1767, 0.3178, 0.3266



71.6761, 0.3078, 0.2913



19.6776, 0.3188, 0.3262



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

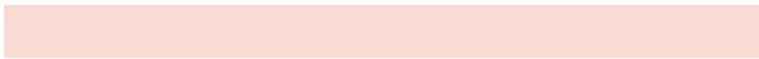
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.7155, 0.3341, 0.3198



72.0918, 0.3395, 0.3178



75.9764, 0.3392, 0.3386



17.2945, 0.3256, 0.3232



10.9772, 0.5954, 0.3054



1.0327, 0.5624, 0.2872

Inverse Universe

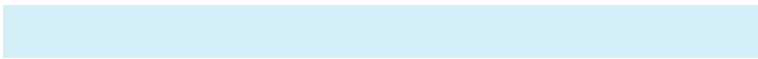
The Inverse Universe completely reimagines the original color for something new.



71.7155, 0.3341, 0.3198



72.0918, 0.3395, 0.3178



82.2060, 0.2897, 0.3192



17.2945, 0.3256, 0.3232



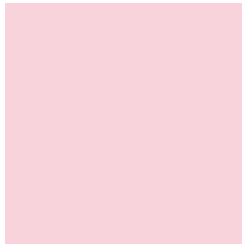
10.9772, 0.5954, 0.3054



1.0327, 0.5624, 0.2872

Previews

White Background



This preview shows how the Yxy color 71.7123, 0.3341, 0.3198 looks on a white background.

Color Contrast Check

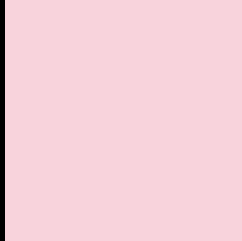
Large Text (above 18pt) WCAG AA × Fail

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 71.7123, 0.3341, 0.3198 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 71.7123, 0.3341, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 71.7123, 0.3341, 0.3198.

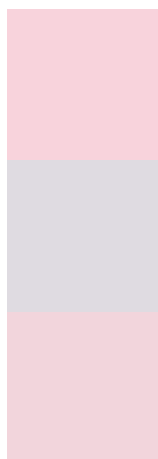


This preview shows how white text looks on a background with the Yxy color 71.7123, 0.3341, 0.3198.

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

71.7123, 0.3341, 0.3198

Protanopia

71.7873, 0.3116, 0.3225

Deuteranopia

71.6331, 0.3294, 0.3218



Tritanopia

71.7239, 0.3307, 0.3127

Trichromacy



Original Color

71.7123, 0.3341, 0.3198

Protanomaly

71.5953, 0.3196, 0.3216

Deuteranomaly

71.4874, 0.3310, 0.3207

Tritanomaly

71.6147, 0.3321, 0.3147

Monochromacy



Original Color

71.7123, 0.3341, 0.3198

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.0928, 0.3201, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7123, 0.3341, 0.3198 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(248, 211, 220)` looks like.

```
.text, #text, p{  
    color:rgb(248, 211, 220)  
}
```

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(248, 211, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 211, 220) }
```

Border

The CSS property to change the border of an element to Yxy 71.7123, 0.3341, 0.3198 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(248, 211, 220) }
```

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

```
.border{ border-color:rgb(248, 211, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 211, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 211, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 211, 220);  
box-shadow:4px 4px 4px 4px rgb(248, 211,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7123, 0.3341, 0.3198 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 211, 220) }
```

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

```
.background{ background-color: rgb(248,  
211, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor