

Converting Colors

$Y_{xy}(71.3698, 0.3358, 0.3201)$

Have a look what the booklet for
Yxy(71.3698, 0.3358, 0.3201)
contains.

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Color

Yxy(71.3474, 0.3357, 0.3198)

Conversions

Conversions Part 1

Format	Color
Hex	F9D2DB
RGB	249, 210, 219
RGB Percent	98%, 82%, 86%
CMY	0.0236, 0.1764, 0.1411
CMYK	0.00, 0.16, 0.12, 0.02
HSL	346°, 76%, 90%
HSV	346°, 16%, 98%
XYZ	74.8947, 71.3474, 76.8580
YIQ	222.6870, 20.3550, 11.0670

Conversions

Conversions Part 2

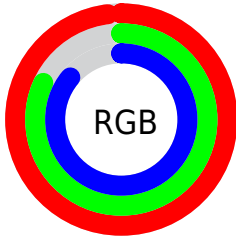
Format	Color
R _Y B	249, 210, 219
Decimal	16372443
CIE Lab	87.65, 15.04, 0.64
CIE LCh	88, 15.053, 2.424
Yxy	71.3474, 0.3357, 0.3198
Android (android.graphics.Color)	4294562523 (0xFFFF9D2DB)
YUV	222.6870, -1.8177, 23.0765
Hunter-Lab	84.4674, 10.4526, 5.1784

Details

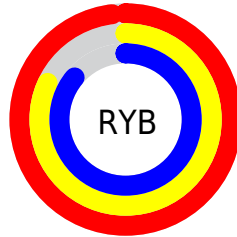
The Yxy color **71.3474, 0.3357, 0.3198** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **87.7272, 0.2938, 0.3384**, and the grayscale version is **73.5617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.3295, 0.3412, 0.3172** is the 20% darker color. If you saturate the color by 10%, you get **59.0463, 0.3549, 0.3135**, and if you desaturate by 10%, it is **85.6832, 0.3201, 0.3258**.

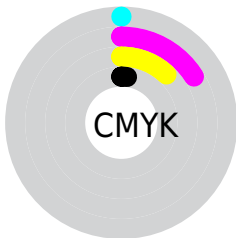
Distribution



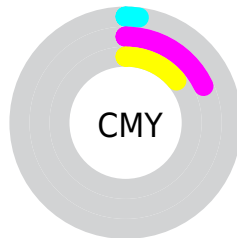
- Red (98%)
- Green (82%)
- Blue (86%)



- 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 71.3474, 0.3357, 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 71.3474, 0.3357, 0.3198 by changing the saturation by 10% instead.

 71.3474, 0.3357,
0.3198

 71.3474, 0.3357,
0.3198

465.2669, 0.3250,
0.3241

 52.6257, 0.3382,
0.3188


121.1283, 0.3320,
0.3213

 37.5041, 0.3412,
0.3176


152.9562, 0.3305,
0.3219

 25.5980, 0.3451,
0.3160


189.9218, 0.3293,
0.3224

 16.5232, 0.3502,
0.3139

232.4093, 0.3282,
0.3228

 9.8951, 0.3572,
0.3111

280.8032, 0.3273,
0.3232

 5.3295, 0.3674,
0.3069

335.4878, 0.3264,

 2.4418, 0.3836,

0.3235

396.8476, 0.3257,
0.3238

0.3002

0.8473, 0.4137,
0.2879

0.0000, 1.0000,
0.0000

71.3474, 0.3357,
0.3198

71.3474, 0.3357,
0.3198

59.0463, 0.3549,
0.3135

85.6832, 0.3201,
0.3258

48.6783, 0.3785,
0.3072

98.8747, 0.3090,
0.3290

40.1474, 0.4070,
0.3012

33.3456, 0.4407,
0.2963

■ 28.1535, 0.4788,
0.2934

■ 24.4363, 0.5192,
0.2936

■ 22.0371, 0.5581,
0.2976

■ 20.7627, 0.5910,
0.3056

■ 20.4360, 0.6028,
0.3094

Harmonies

Analogous

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



71.3474, 0.3185, 0.3068



71.3474, 0.3357, 0.3198



71.3474, 0.3467, 0.3354

Triad

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



71.3474, 0.3357, 0.3198



71.3474, 0.3246, 0.3607



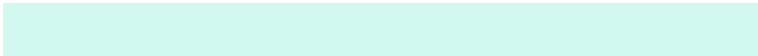
71.3474, 0.2783, 0.3069

Complementary

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



71.3474, 0.3357, 0.3198



87.7272, 0.2938, 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.



71.3474, 0.2798, 0.3211



71.3474, 0.3357, 0.3198



71.3474, 0.3062, 0.3528

Square

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



71.3474, 0.3357, 0.3198



71.3474, 0.3401, 0.3593



71.3474, 0.2899, 0.3380



71.3474, 0.2856, 0.2992

Rectangle

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



71.3474, 0.3357, 0.3198



71.3474, 0.3489, 0.3454



71.3474, 0.2899, 0.3380



71.3474, 0.2778, 0.3111

Sweetspot

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



71.3506, 0.3357, 0.3198



91.5179, 0.3193, 0.3262



71.4426, 0.3080, 0.2894



19.3431, 0.3202, 0.3258



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

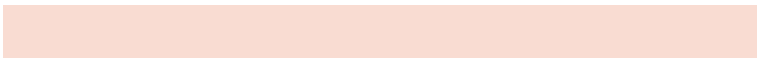
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.3506, 0.3357, 0.3198



70.7171, 0.3417, 0.3177



76.1868, 0.3407, 0.3398



17.2910, 0.3257, 0.3235



10.9597, 0.5990, 0.3074



1.0306, 0.5664, 0.2894

Inverse Universe

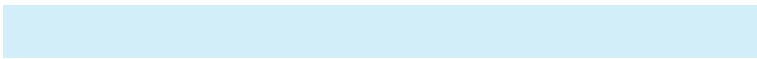
The Inverse Universe completely reimagines the original color for something new.



71.3506, 0.3357, 0.3198



70.7171, 0.3417, 0.3177



82.0311, 0.2885, 0.3180



17.2910, 0.3257, 0.3235



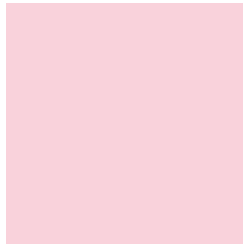
10.9597, 0.5990, 0.3074



1.0306, 0.5664, 0.2894

Previews

White Background



This preview shows how the Yxy color 71.3474, 0.3357, 0.3198 looks on a white background.

Color Contrast Check

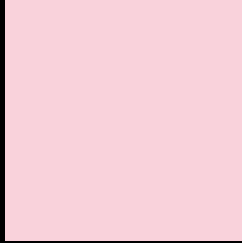
Large Text (above 18pt) WCAG AA × Fail

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 71.3474, 0.3357, 0.3198 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

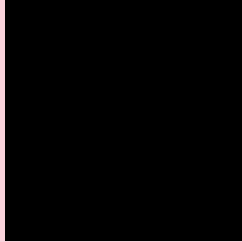
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3474, 0.3357, 0.3198

Background



This preview shows how black text looks on a background with the Yxy color 71.3474, 0.3357, 0.3198.

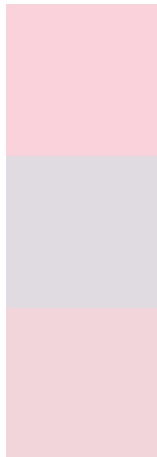


This preview shows how white text looks on a background with the Yxy color 71.3474, 0.3357, 0.3198.

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

71.3474, 0.3357, 0.3198

Protanopia

71.7328, 0.3123, 0.3236

Deuteranopia

71.5277, 0.3308, 0.3238



Tritanopia

71.3612, 0.3322, 0.3127

Trichromacy



Original Color

71.3474, 0.3357, 0.3198

Protanomaly

71.5415, 0.3203, 0.3226

Deuteranomaly

71.5614, 0.3332, 0.3228

Tritanomaly

71.2526, 0.3337, 0.3147

Monochromacy



Original Color

71.3474, 0.3357, 0.3198

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

72.5725, 0.3201, 0.3248

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3474, 0.3357, 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(249, 210, 219)` looks like.

```
.text, #text, p{  
    color:rgb(249, 210, 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(249, 210, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 210, 219) }
```

Border

The CSS property to change the border of an element to Yxy 71.3474, 0.3357, 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(249, 210, 219) }
```

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

```
.border{ border-color:rgb(249, 210, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 210, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 210, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 210, 219);  
box-shadow:4px 4px 4px 4px rgb(249, 210,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3474, 0.3357, 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(249, 210, 219) }
```

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

```
.background{ background-color: rgb(249,  
210, 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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