

Converting Colors

$Yxy(74.4396, 0.3253, 0.3026)$

Have a look what the booklet for
Yxy(74.4396, 0.3253, 0.3026)
contains.

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Color

Yxy(74.3898, 0.3249, 0.3022)

Conversions

Conversions Part 1

Format	Color
Hex	FED4EF
RGB	254, 212, 239
RGB Percent	100%, 83%, 94%
CMY	0.0042, 0.1685, 0.0628
CMYK	0.00, 0.17, 0.06, 0.00
HSL	321°, 95%, 91%
HSV	321°, 17%, 100%
XYZ	79.9777, 74.3898, 91.7934
YIQ	227.6360, 16.3650, 17.3010

Conversions

Conversions Part 2

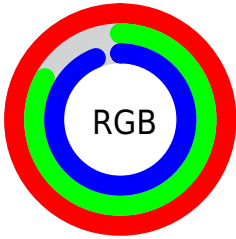
Format	Color
R_{YB}	254, 212, 239
Decimal	16700655
CIE _{Lab}	89.11, 19.00, -7.72
CIE _{LCh}	89, 20.504, 337.890
Yxy	74.3898, 0.3249, 0.3022
Android (android.graphics.Color)	4294890735 (0xFF FED4EF)
YUV	227.6360, 5.6025, 23.1212
Hunter-Lab	86.2495, 14.5832, -2.7263

Details

The Yxy color **74.3898, 0.3249, 0.3022** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **90.3913, 0.3023, 0.3574**, and the grayscale version is **77.2507, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.4032, 0.3277, 0.2960** is the 20% darker color. If you saturate the color by 10%, you get **62.1553, 0.3341, 0.2852**, and if you desaturate by 10%, it is **88.6543, 0.3171, 0.3187**.

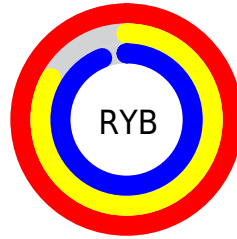
Distribution



Red (100%)

Green (83%)

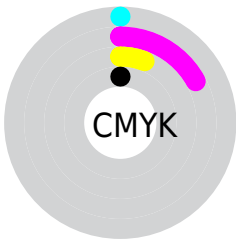
Blue (94%)



Red (100%)

Yellow (83%)

Blue (94%)

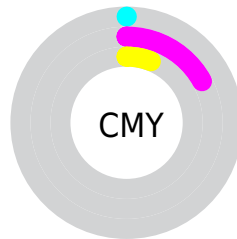


Cyan (0%)

Magenta (17%)

Yellow (6%)

Black (0%)



Cyan (0%)


Magenta (17%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3898, 0.3249, 0.3022 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 74.3898, 0.3249, 0.3022 by changing the saturation by 10% instead.

 74.3898, 0.3249,
0.3022

 74.3898, 0.3249,
0.3022

475.8176, 0.3194,
0.3143

 55.1131, 0.3261,
0.2995


125.4482, 0.3230,
0.3063

 39.4923, 0.3276,
0.2962


157.9988, 0.3223,
0.3080

 27.1429, 0.3295,
0.2921


195.7427, 0.3217,
0.3094

 17.6806, 0.3319,
0.2869


239.0645, 0.3211,
0.3106

 10.7209, 0.3350,
0.2798

288.3485, 0.3206,
0.3117

 5.8795, 0.3395,
0.2700

343.9791, 0.3202,

 2.7719, 0.3461,

0.3126

0.2554

406.3406, 0.3198,
0.3135

1.0139, 0.3570,
0.2312

0.0000, 0.4612,
0.0000

74.3898, 0.3249,
0.3022

74.3898, 0.3249,
0.3022

62.1553, 0.3341,
0.2852

88.6543, 0.3171,
0.3187

51.8476, 0.3449,
0.2682

99.7992, 0.3121,
0.3290

43.3690, 0.3572,
0.2519

36.6095, 0.3710,
0.2374

■ 31.4470, 0.3861,
0.2257

■ 27.7433, 0.4021,
0.2180

■ 25.3365, 0.4182,
0.2153

■ 24.0238, 0.4339,
0.2177

■ 23.7157, 0.4394,
0.2194

Harmonies

Analogous

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



74.3898, 0.3000, 0.2908



74.3898, 0.3249, 0.3022



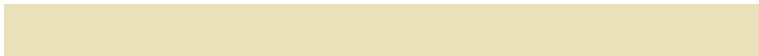
74.3898, 0.3471, 0.3202

Triad

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



74.3898, 0.3249, 0.3022



74.3898, 0.3461, 0.3710



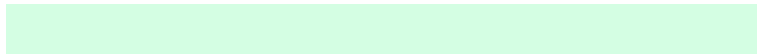
74.3898, 0.2676, 0.3141

Complementary

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



74.3898, 0.3249, 0.3022



90.3913, 0.3023, 0.3574

Split Complementary

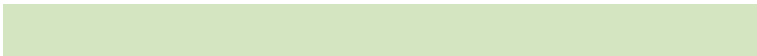
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.3898, 0.2790, 0.3369



74.3898, 0.3249, 0.3022



74.3898, 0.3240, 0.3709

Square

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



74.3898, 0.3249, 0.3022



74.3898, 0.3595, 0.3596



74.3898, 0.2994, 0.3582



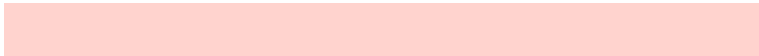
74.3898, 0.2678, 0.2966

Rectangle

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



74.3898, 0.3249, 0.3022



74.3898, 0.3571, 0.3340



74.3898, 0.2994, 0.3582



74.3898, 0.2702, 0.3213

Sweetspot

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



74.3931, 0.3249, 0.3022



91.8436, 0.3160, 0.3211



70.5364, 0.2956, 0.2855



19.4222, 0.3165, 0.3200



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.



74.3931, 0.3249, 0.3022



70.5487, 0.3280, 0.2963



73.2405, 0.3397, 0.3227



18.1839, 0.3193, 0.3138



12.5393, 0.4369, 0.2181



1.2418, 0.4202, 0.2088

Inverse Universe

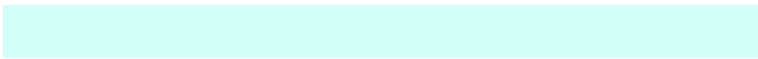
The Inverse Universe completely reimagines the original color for something new.



74.3931, 0.3249, 0.3022



70.5487, 0.3280, 0.2963



91.6019, 0.2910, 0.3354



18.1839, 0.3193, 0.3138



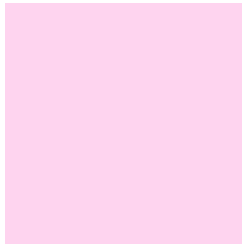
12.5393, 0.4369, 0.2181



1.2418, 0.4202, 0.2088

Previews

White Background



This preview shows how the Yxy color 74.3898, 0.3249, 0.3022 looks on a white background.

Color Contrast Check

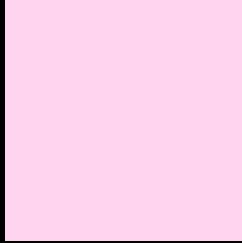
Large Text (above 18pt) WCAG AA × Fail

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 74.3898, 0.3249, 0.3022 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 74.3898, 0.3249, 0.3022

Background



This preview shows how black text looks on a background with the Yxy color 74.3898, 0.3249, 0.3022.



This preview shows how white text looks on a background with the Yxy color 74.3898, 0.3249, 0.3022.

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

74.3898, 0.3249, 0.3022

Protanopia

74.8975, 0.2981, 0.3058

Deuteranopia

74.6666, 0.3144, 0.3085



Tritanopia

74.6890, 0.3303, 0.3130

Trichromacy



Original Color

74.3898, 0.3249, 0.3022

Protanomaly

74.6265, 0.3076, 0.3042

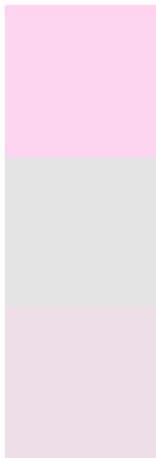
Deuteranomaly

74.5179, 0.3181, 0.3066

Tritanomaly

74.3543, 0.3283, 0.3090

Monochromacy



Original Color

74.3898, 0.3249, 0.3022

Achromatopsia

77.5822, 0.3127, 0.3290

Achromatomaly

76.0733, 0.3167, 0.3187

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3898, 0.3249, 0.3022 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(254, 212, 239)` looks like.

```
.text, #text, p{  
    color:rgb(254, 212, 239)  
}
```

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(254, 212, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 212, 239) }
```

Border

The CSS property to change the border of an element to Yxy 74.3898, 0.3249, 0.3022 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(254, 212, 239) }
```

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

```
.border{ border-color:rgb(254, 212, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 212, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 212, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 212, 239);  
box-shadow:4px 4px 4px 4px rgb(254, 212,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3898, 0.3249, 0.3022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 212, 239) }
```

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

```
.background{ background-color: rgb(254,  
212, 239) }
```

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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