

Converting Colors

$Yxy(69.9620, 0.3234, 0.2976)$

Have a look what the booklet for
Yxy(69.9620, 0.3234, 0.2976)
contains.

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Color

Yxy(69.8585, 0.3239, 0.2976)

Conversions

Conversions Part 1

Format	Color
Hex	F9CDEC
RGB	249, 205, 236
RGB Percent	98%, 80%, 93%
CMY	0.0237, 0.1960, 0.0744
CMYK	0.00, 0.18, 0.05, 0.02
HSL	318°, 78%, 89%
HSV	318°, 18%, 98%
XYZ	76.0322, 69.8585, 88.8489
YIQ	221.6900, 16.2730, 18.9690

Conversions

Conversions Part 2

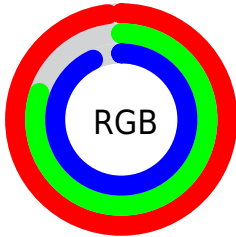
Format	Color
R _Y B	249, 205, 236
Decimal	16371180
CIE Lab	86.93, 20.50, -9.43
CIE LCh	87, 22.561, 335.287
Yxy	69.8585, 0.3239, 0.2976
Android (android.graphics.Color)	4294561260 (0xFFF9CDEC)
YUV	221.6900, 7.0548, 23.9509
Hunter-Lab	83.5814, 16.1101, -4.5196

Details

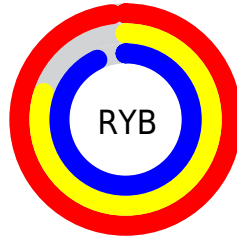
The Yxy color $69.8585, 0.3239, 0.2976$ is a light color, and the websafe version is hex `FFCCFF`. A complement of this color would be $85.7732, 0.3031, 0.3626$, and the grayscale version is $72.7584, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.6350, 0.3263, 0.2913$ is the 20% darker color. If you saturate the color by 10%, you get $58.4643, 0.3318, 0.2791$, and if you desaturate by 10%, it is $83.1716, 0.3172, 0.3157$.

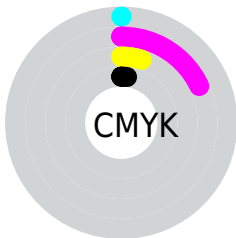
Distribution



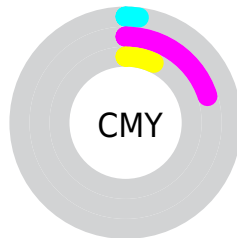
- Red (98%)
- Green (80%)
- Blue (93%)



- Red (98%)
- Yellow (80%)
- Blue (93%)



- Cyan (0%)
- Magenta (18%)
- Yellow (5%)
- Black (2%)





- Cyan (2%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.8585, 0.3239, 0.2976 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 69.8585, 0.3239, 0.2976 by changing the saturation by 10% instead.

 69.8585, 0.3239,
0.2976

 69.8585, 0.3239,
0.2976


460.0530, 0.3189,
0.3119

 51.4112, 0.3250,
0.2944

119.0069, 0.3222,
0.3025

 36.5360, 0.3264,
0.2905

150.4769, 0.3215,
0.3044

 24.8484, 0.3281,
0.2856


187.0564, 0.3209,
0.3061

 15.9641, 0.3303,
0.2793

229.1301, 0.3204,
0.3075

 9.4988, 0.3332,
0.2708

277.0822, 0.3200,
0.3088

 5.0679, 0.3372,
0.2589

331.2971, 0.3196,

 2.2872, 0.3432,

0.3099

0.2409

392.1592, 0.3192,
0.3109

0.7669, 0.3533,
0.2098

0.0000, 0.3798,
0.0000

69.8585, 0.3239,
0.2976

69.8585, 0.3239,
0.2976

58.4643, 0.3318,
0.2791

83.1716, 0.3172,
0.3157

48.8900, 0.3408,
0.2607

98.4779, 0.3115,
0.3330

41.0420, 0.3511,
0.2433

98.8739, 0.3090,
0.3290

34.8143, 0.3624,
0.2278

■ 30.0894, 0.3745,
0.2154

■ 26.7336, 0.3870,
0.2071

■ 24.5898, 0.3996,
0.2036

■ 23.4491, 0.4118,
0.2050

■ 23.2539, 0.4146,
0.2058

Harmonies

Analogous

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



69.8585, 0.2961, 0.2856



69.8585, 0.3239, 0.2976



69.8585, 0.3496, 0.3171

Triad

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



69.8585, 0.3239, 0.2976



69.8585, 0.3520, 0.3756



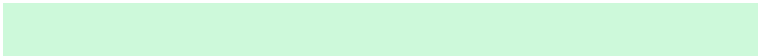
69.8585, 0.2629, 0.3141

Complementary

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



69.8585, 0.3239, 0.2976



85.7732, 0.3031, 0.3626

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.



69.8585, 0.2765, 0.3400



69.8585, 0.3239, 0.2976



69.8585, 0.3276, 0.3769

Square

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



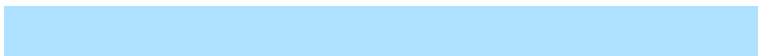
69.8585, 0.3239, 0.2976



69.8585, 0.3660, 0.3616



69.8585, 0.3000, 0.3638



69.8585, 0.2619, 0.2939

Rectangle

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



69.8585, 0.3239, 0.2976



69.8585, 0.3615, 0.3324



69.8585, 0.3000, 0.3638



69.8585, 0.2661, 0.3224

Sweetspot

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



69.8616, 0.3239, 0.2976



91.8936, 0.3156, 0.3204



65.3316, 0.2922, 0.2820



19.4344, 0.3160, 0.3191



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.



69.8616, 0.3239, 0.2976



69.4888, 0.3264, 0.2914



68.6868, 0.3397, 0.3192



17.4323, 0.3183, 0.3124



12.4771, 0.4127, 0.2047



1.1741, 0.3991, 0.1972

Inverse Universe

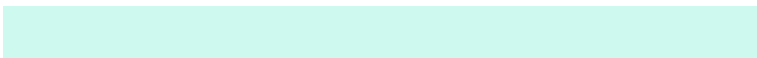
The Inverse Universe completely reimagines the original color for something new.



69.8616, 0.3239, 0.2976



69.4888, 0.3264, 0.2914



86.9715, 0.2912, 0.3390



17.4323, 0.3183, 0.3124



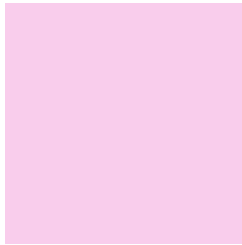
12.4771, 0.4127, 0.2047



1.1741, 0.3991, 0.1972

Previews

White Background



This preview shows how the Yxy color 69.8585, 0.3239, 0.2976 looks on a white background.

Color Contrast Check

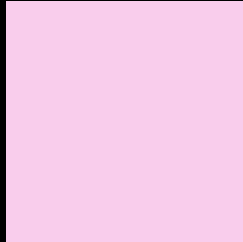
Large Text (above 18pt) WCAG AA × Fail

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 69.8585, 0.3239, 0.2976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

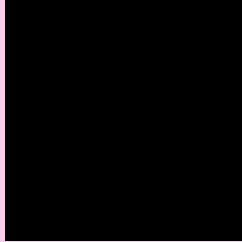
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.8585, 0.3239, 0.2976

Background



This preview shows how black text looks on a background with the Yxy color 69.8585, 0.3239, 0.2976.



This preview shows how white text looks on a background with the Yxy color 69.8585, 0.3239, 0.2976.

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

69.8585, 0.3239, 0.2976

Protanopia

69.8789, 0.2938, 0.2999

Deuteranopia

70.0740, 0.3109, 0.3048



Tritanopia

69.7275, 0.3317, 0.3126

Trichromacy



Original Color

69.8585, 0.3239, 0.2976

Protanomaly

69.7091, 0.3048, 0.2994

Deuteranomaly

69.7762, 0.3162, 0.3020

Tritanomaly

69.7005, 0.3289, 0.3065

Monochromacy



Original Color

69.8585, 0.3239, 0.2976

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.8136, 0.3169, 0.3174

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.8585, 0.3239, 0.2976 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, 205, 236)` looks like.

```
.text, #text, p{  
    color:rgb(249, 205, 236)  
}
```

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, 205, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 205, 236) }
```

Border

The CSS property to change the border of an element to Yxy 69.8585, 0.3239, 0.2976 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, 205, 236) }
```

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

```
.border{ border-color:rgb(249, 205, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 205, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 205, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 205, 236);  
box-shadow:4px 4px 4px 4px rgb(249, 205,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 69.8585, 0.3239, 0.2976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 205, 236) }
```

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

```
.background{ background-color: rgb(249,  
205, 236) }
```

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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