

Converting Colors

$Y_{xy}(68.5048, 0.3279, 0.2990)$

Have a look what the booklet for
Yxy(68.5048, 0.3279, 0.2990)
contains.

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Color

Yxy(68.3912, 0.3279, 0.2985)

Conversions

Conversions Part 1

Format	Color
Hex	FACAE8
RGB	250, 202, 232
RGB Percent	98%, 79%, 91%
CMY	0.0194, 0.2079, 0.0901
CMYK	0.00, 0.19, 0.07, 0.02
HSL	323°, 83%, 89%
HSV	323°, 19%, 98%
XYZ	75.1272, 68.3912, 85.5978
YIQ	219.7720, 18.9780, 19.5060

Conversions

Conversions Part 2

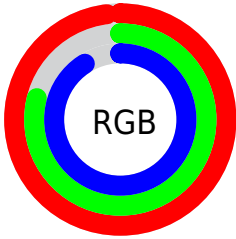
Format	Color
R _Y B	250, 202, 232
Decimal	16435944
CIE Lab	86.20, 21.77, -8.38
CIE LCh	86, 23.330, 338.960
Yxy	68.3912, 0.3279, 0.2985
Android (android.graphics.Color)	4294626024 (0xFFFACEAE8)
YUV	219.7720, 6.0284, 26.5100
Hunter-Lab	82.6990, 17.4337, -3.4790

Details

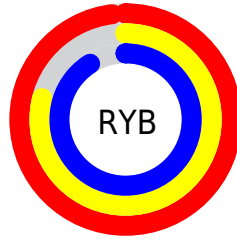
The Yxy color **68.3912, 0.3279, 0.2985** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.1293, 0.3001, 0.3616**, and the grayscale version is **71.3555, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6519, 0.3316, 0.2925** is the 20% darker color. If you saturate the color by 10%, you get **57.0774, 0.3380, 0.2819**, and if you desaturate by 10%, it is **81.6407, 0.3194, 0.3147**.

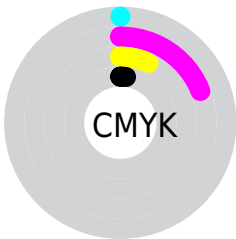
Distribution



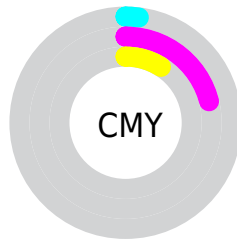
- Red (98%)
- Green (79%)
- Blue (91%)



- Red (98%)
- Yellow (79%)
- Blue (91%)



- Cyan (0%)
- Magenta (19%)
- Yellow (7%)
- Black (2%)




- Cyan (2%)
- Magenta (21%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.3912, 0.3279, 0.2985 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 68.3912, 0.3279, 0.2985 by changing the saturation by 10% instead.


 68.3912, 0.3279,
0.2985

 68.3912, 0.3279,
0.2985


454.8808, 0.3210,
0.3124

 50.2161, 0.3295,
0.2954


116.9116, 0.3255,
0.3033

 35.5851, 0.3314,
0.2915


148.0257, 0.3246,
0.3052

 24.1139, 0.3338,
0.2867


184.2215, 0.3238,
0.3068

 15.4182, 0.3369,
0.2804

225.8835, 0.3231,
0.3082

 9.1134, 0.3411,
0.2720

273.3960, 0.3225,
0.3094

 4.8152, 0.3471,
0.2601


327.1435, 0.3219,


 2.1393, 0.3562,


0.3105


0.2421

387.5103, 0.3214,
0.3115

 0.6866, 0.3734,
0.2080


 0.0000, 0.5080,
0.0000


 68.3912, 0.3279,
0.2985


 68.3912, 0.3279,
0.2985


 57.0774, 0.3380,
0.2819

 81.6407, 0.3194,
0.3147

 47.5983, 0.3497,
0.2655

 96.9024, 0.3122,
0.3302

 39.8575, 0.3632,
0.2500

 99.0746, 0.3097,
0.3290

 33.7462, 0.3782,
0.2364

■ 29.1430, 0.3946,
0.2261

■ 25.9095, 0.4117,
0.2200

■ 23.8814, 0.4288,
0.2191

■ 22.8095, 0.4455,
0.2231

■ 22.7427, 0.4468,
0.2235

Harmonies

Analogous

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



68.3912, 0.2988, 0.2849



68.3912, 0.3279, 0.2985



68.3912, 0.3538, 0.3194

Triad

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



68.3912, 0.3279, 0.2985



68.3912, 0.3509, 0.3785



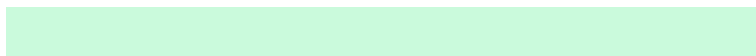
68.3912, 0.2600, 0.3104

Complementary

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



68.3912, 0.3279, 0.2985



86.1293, 0.3001, 0.3616

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.



68.3912, 0.2727, 0.3371



68.3912, 0.3279, 0.2985



68.3912, 0.3247, 0.3781

Square

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



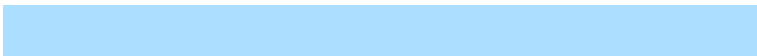
68.3912, 0.3279, 0.2985



68.3912, 0.3672, 0.3651



68.3912, 0.2961, 0.3627



68.3912, 0.2607, 0.2906

Rectangle

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



68.3912, 0.3279, 0.2985



68.3912, 0.3652, 0.3354



68.3912, 0.2961, 0.3627



68.3912, 0.2628, 0.3188

Sweetspot

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



68.3942, 0.3279, 0.2985



90.2594, 0.3169, 0.3198



64.2929, 0.2929, 0.2778



19.1023, 0.3174, 0.3188



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.



68.3942, 0.3279, 0.2985



66.7808, 0.3315, 0.2922



67.1404, 0.3457, 0.3224



17.4076, 0.3196, 0.3143



12.0860, 0.4442, 0.2221



1.1399, 0.4255, 0.2117

Inverse Universe

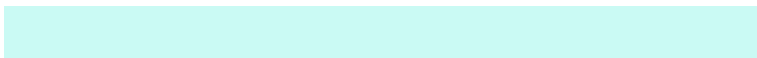
The Inverse Universe completely reimagines the original color for something new.



68.3942, 0.3279, 0.2985



66.7808, 0.3315, 0.2922



87.4711, 0.2872, 0.3357



17.4076, 0.3196, 0.3143



12.0860, 0.4442, 0.2221



1.1399, 0.4255, 0.2117

Previews

White Background



This preview shows how the Yxy color 68.3912, 0.3279, 0.2985 looks on a white background.

Color Contrast Check

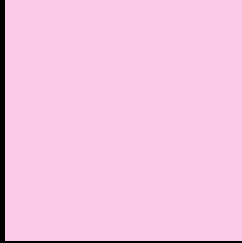
Large Text (above 18pt) WCAG AA × Fail

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 68.3912, 0.3279, 0.2985 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

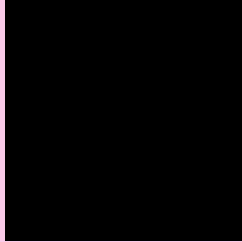
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.3912, 0.3279, 0.2985

Background



This preview shows how black text looks on a background with the Yxy color 68.3912, 0.3279, 0.2985.



This preview shows how white text looks on a background with the Yxy color 68.3912, 0.3279, 0.2985.

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

68.3912, 0.3279, 0.2985

Protanopia

68.5305, 0.2950, 0.3007

Deuteranopia

68.6857, 0.3130, 0.3067



Tritanopia

68.3095, 0.3350, 0.3125

Trichromacy



Original Color

68.3912, 0.3279, 0.2985

Protanomaly

68.3764, 0.3061, 0.3003

Deuteranomaly

68.3997, 0.3184, 0.3039

Tritanomaly

68.2334, 0.3329, 0.3075

Monochromacy



Original Color

68.3912, 0.3279, 0.2985

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

69.9592, 0.3184, 0.3173

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3912, 0.3279, 0.2985 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(250, 202, 232)` looks like.

```
.text, #text, p{  
    color:rgb(250, 202, 232)  
}
```

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(250, 202, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 202, 232) }
```

Border

The CSS property to change the border of an element to Yxy 68.3912, 0.3279, 0.2985 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(250, 202, 232) }
```

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

```
.border{ border-color:rgb(250, 202, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 202, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 202, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 202, 232);  
box-shadow:4px 4px 4px 4px rgb(250, 202,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3912, 0.3279, 0.2985 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 202, 232) }
```

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

```
.background{ background-color: rgb(250,  
202, 232) }
```

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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