

Converting Colors

$Y_{xy}(68.7189, 0.3242, 0.2906)$

Have a look what the booklet for
Yxy(68.7189, 0.3242, 0.2906)
contains.

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Color

Yxy(68.7007, 0.3244, 0.2909)

Conversions

Conversions Part 1

Format	Color
Hex	FCC9EF
RGB	252, 201, 239
RGB Percent	99%, 79%, 94%
CMY	0.0117, 0.2118, 0.0629
CMYK	0.00, 0.20, 0.05, 0.01
HSL	315°, 90%, 89%
HSV	315°, 20%, 99%
XYZ	76.6123, 68.7007, 90.8531
YIQ	220.5810, 18.1980, 22.6300

Conversions

Conversions Part 2

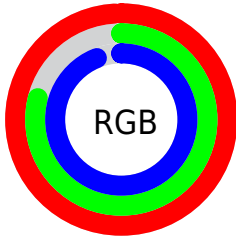
Format	Color
R_{YB}	252, 201, 239
Decimal	16566767
CIE _{Lab}	86.36, 24.14, -11.81
CIE _{LCh}	86, 26.873, 333.922
Yxy	68.7007, 0.3244, 0.2909
Android (android.graphics.Color)	4294756847 (0xFFFC9EF)
YUV	220.5810, 9.0806, 27.5545
Hunter-Lab	82.8859, 19.9391, -6.9690

Details

The Yxy color **68.7007, 0.3244, 0.2909** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **86.9106, 0.3028, 0.3704**, and the grayscale version is **71.9250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8884, 0.3269, 0.2828** is the 20% darker color. If you saturate the color by 10%, you get **57.5272, 0.3316, 0.2714**, and if you desaturate by 10%, it is **81.8215, 0.3182, 0.3101**.

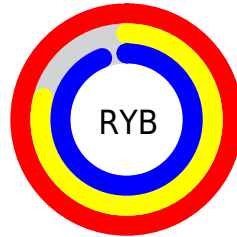
Distribution



Red (99%)

Green (79%)

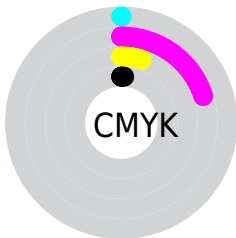
Blue (94%)



Red (99%)

Yellow (79%)

Blue (94%)

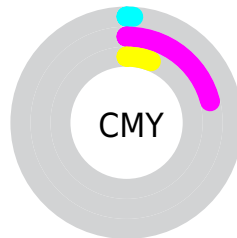


Cyan (0%)

Magenta (20%)

Yellow (5%)

Black (1%)



Cyan (1%)

Magenta (21%)

Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.7007, 0.3244, 0.2909 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 68.7007, 0.3244, 0.2909 by changing the saturation by 10% instead.


 68.7007, 0.3244,
0.2909

 68.7007, 0.3244,
0.2909


455.9746, 0.3192,
0.3081

 50.4680, 0.3255,
0.2871


117.3540, 0.3226,
0.2968

 35.7854, 0.3269,
0.2824


148.5434, 0.3219,
0.2991

 24.2685, 0.3286,
0.2765


184.8204, 0.3213,
0.3011

 15.5329, 0.3308,
0.2689

226.5695, 0.3208,
0.3029

 9.1942, 0.3337,
0.2588

274.1751, 0.3203,
0.3044

 4.8681, 0.3375,
0.2447


328.0216, 0.3199,


 2.1701, 0.3431,

0.3058

0.2236


388.4933, 0.3195,
0.3070


 0.7036, 0.3527,
0.1865

 0.0000, 0.3474,
0.0000


 68.7007, 0.3244,
0.2909


 68.7007, 0.3244,
0.2909


 57.5272, 0.3316,
0.2714


 81.8215, 0.3182,
0.3101

 48.1978, 0.3398,
0.2524

 96.9681, 0.3128,
0.3286

 40.6137, 0.3489,
0.2346

 99.4395, 0.3109,
0.3290

 34.6631, 0.3588,
0.2191

■ 30.2211, 0.3693,
0.2071

■ 27.1447, 0.3799,
0.1993

■ 25.2633, 0.3903,
0.1964

■ 24.3091, 0.4002,
0.1978

Harmonies

Analogous

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



68.7007, 0.2913, 0.2773



68.7007, 0.3244, 0.2909



68.7007, 0.3557, 0.3135

Triad

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



68.7007, 0.3244, 0.2909



68.7007, 0.3606, 0.3842



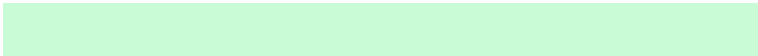
68.7007, 0.2539, 0.3121

Complementary

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



68.7007, 0.3244, 0.2909



86.9106, 0.3028, 0.3704

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.



68.7007, 0.2706, 0.3436



68.7007, 0.3244, 0.2909



68.7007, 0.3317, 0.3872

Square

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



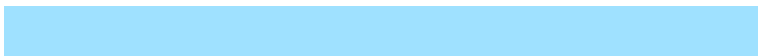
68.7007, 0.3244, 0.2909



68.7007, 0.3770, 0.3664



68.7007, 0.2988, 0.3721



68.7007, 0.2521, 0.2877

Rectangle

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



68.7007, 0.3244, 0.2909



68.7007, 0.3706, 0.3314



68.7007, 0.2988, 0.3721



68.7007, 0.2579, 0.3222

Sweetspot

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



68.7037, 0.3244, 0.2909



90.3740, 0.3158, 0.3180



63.0638, 0.2875, 0.2742



19.1294, 0.3162, 0.3168



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.



68.7037, 0.3244, 0.2909



66.0063, 0.3270, 0.2836



67.3167, 0.3433, 0.3160



17.4442, 0.3177, 0.3115



12.6856, 0.3986, 0.1969



1.1921, 0.3872, 0.1907

Inverse Universe

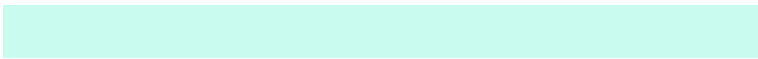
The Inverse Universe completely reimagines the original color for something new.



68.7037, 0.3244, 0.2909



66.0063, 0.3270, 0.2836



88.3001, 0.2891, 0.3425



17.4442, 0.3177, 0.3115



12.6856, 0.3986, 0.1969



1.1921, 0.3872, 0.1907

Previews

White Background



This preview shows how the Yxy color 68.7007, 0.3244, 0.2909 looks on a white background.

Color Contrast Check

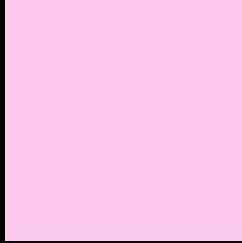
Large Text (above 18pt) WCAG AA × Fail

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 68.7007, 0.3244, 0.2909 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

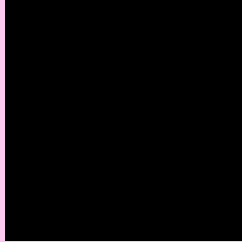
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.7007, 0.3244, 0.2909

Background



This preview shows how black text looks on a background with the Yxy color 68.7007, 0.3244, 0.2909.



This preview shows how white text looks on a background with the Yxy color 68.7007, 0.3244, 0.2909.

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

68.7007, 0.3244, 0.2909

Protanopia

69.2271, 0.2887, 0.2934

Deuteranopia

68.7016, 0.3075, 0.3004



Tritanopia

68.4928, 0.3358, 0.3126

Trichromacy



Original Color

68.7007, 0.3244, 0.2909



Protanomaly

68.8545, 0.3008, 0.2921



Deuteranomaly

68.8032, 0.3135, 0.2968



Tritanomaly

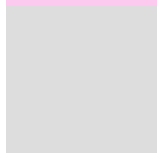
68.5819, 0.3315, 0.3045

Monochromacy



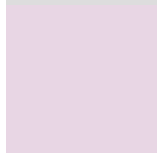
Original Color

68.7007, 0.3244, 0.2909



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

70.8504, 0.3163, 0.3142

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.7007, 0.3244, 0.2909 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(252, 201, 239)` looks like.

```
.text, #text, p{  
    color:rgb(252, 201, 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(252, 201, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 201, 239) }
```

Border

The CSS property to change the border of an element to Yxy 68.7007, 0.3244, 0.2909 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(252, 201, 239) }
```

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

```
.border{ border-color:rgb(252, 201, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 201, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 201, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 201, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 201,  
239) }
```


Background

The CSS property to change the background color of an element to Yxy 68.7007, 0.3244, 0.2909 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 201, 239) }
```

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

```
.background{ background-color: rgb(252,  
201, 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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