

Converting Colors

Yxy(68.4220, 0.3117, 0.2873)

Have a look what the booklet for
Yxy(68.4220, 0.3117, 0.2873)
contains.

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Color

Yxy(68.4791, 0.3117, 0.2871)

Conversions

Conversions Part 1

Format	Color
Hex	F1CCF5
RGB	241, 204, 245
RGB Percent	95%, 80%, 96%
CMY	0.0550, 0.2000, 0.0392
CMYK	0.02, 0.17, 0.00, 0.04
HSL	294°, 67%, 88%
HSV	294°, 17%, 96%
XYZ	74.3467, 68.4791, 95.6942
YIQ	219.7370, 8.8910, 20.5950

Conversions

Conversions Part 2

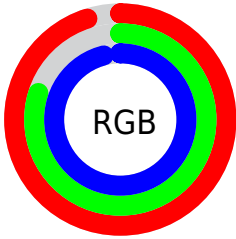
Format	Color
R _Y B	241, 204, 245
Decimal	15846645
CIE Lab	86.25, 19.98, -15.29
CIE LCh	86, 25.158, 322.574
Yxy	68.4791, 0.3117, 0.2871
Android (android.graphics.Color)	4294036725 (0xFFF1CCF5)
YUV	219.7370, 12.4547, 18.6477
Hunter-Lab	82.7521, 15.5530, -10.6363

Details

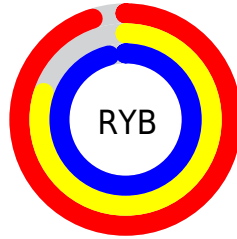
The Yxy color **68.4791, 0.3117, 0.2871** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **83.0879, 0.3132, 0.3740**, and the grayscale version is **71.2855, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.8011, 0.3112, 0.2779** is the 20% darker color. If you saturate the color by 10%, you get **57.3152, 0.3107, 0.2613**, and if you desaturate by 10%, it is **81.4866, 0.3124, 0.3125**.

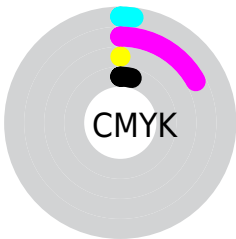
Distribution



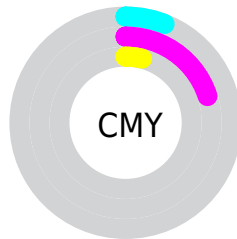
- Red (95%)
- Green (80%)
- Blue (96%)



- Red (95%)
- Yellow (80%)
- Blue (96%)



- Cyan (2%)
- Magenta (17%)
- Yellow (0%)
- Black (4%)



- Cyan (6%)
- Magenta (20%)
- Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4791, 0.3117, 0.2871 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 68.4791, 0.3117, 0.2871 by changing the saturation by 10% instead.


 68.4791, 0.3117,
0.2871

 68.4791, 0.3117,
0.2871


455.1916, 0.3124,
0.3060

 50.2876, 0.3115,
0.2829

117.0373, 0.3120,
0.2936

 35.6420, 0.3112,
0.2777


148.1727, 0.3121,
0.2961

 24.1578, 0.3107,
0.2713


184.3916, 0.3122,
0.2983

 15.4507, 0.3100,
0.2630

226.0784, 0.3123,
0.3003

 9.1363, 0.3090,
0.2519

273.6174, 0.3123,
0.3020

 4.8302, 0.3073,
0.2366


327.3930, 0.3124,


 2.1480, 0.3039,

0.3035


0.2137


387.7896, 0.3124,
0.3048


 0.6914, 0.2975,
0.1739


 0.0000, 0.1307,
0.0000


 68.4791, 0.3117,
0.2871


 68.4791, 0.3117,
0.2871


 57.3152, 0.3107,
0.2613


 81.4866, 0.3124,
0.3125


 47.9006, 0.3095,
0.2359

 96.4086, 0.3128,
0.3368

 40.1459, 0.3079,
0.2117

 98.1074, 0.3142,
0.3387

 33.9505, 0.3061,
0.1900

 98.5508, 0.3158,
0.3386

■ 29.2027, 0.3040,
0.1715

■ 98.9998, 0.3173,
0.3386

■ 25.7760, 0.3017,
0.1572

■ 99.3733, 0.3185,
0.3386

■ 23.5220, 0.2992,
0.1473

■ 22.2532, 0.2967,
0.1417

■ 21.9558, 0.2959,
0.1404

Harmonies

Analogous

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



68.4791, 0.2823, 0.2783



68.4791, 0.3117, 0.2871



68.4791, 0.3427, 0.3057

Triad

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



68.4791, 0.3117, 0.2871



68.4791, 0.3652, 0.3759



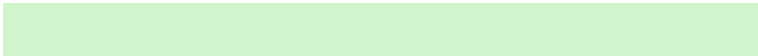
68.4791, 0.2618, 0.3241

Complementary

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



68.4791, 0.3117, 0.2871



83.0879, 0.3132, 0.3740

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.



68.4791, 0.2822, 0.3536



68.4791, 0.3117, 0.2871



68.4791, 0.3418, 0.3843

Square

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



68.4791, 0.3117, 0.2871



68.4791, 0.3744, 0.3556



68.4791, 0.3113, 0.3765



68.4791, 0.2546, 0.2978

Rectangle

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



68.4791, 0.3117, 0.2871



68.4791, 0.3597, 0.3217



68.4791, 0.3113, 0.3765



68.4791, 0.2673, 0.3340

Sweetspot

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



68.4821, 0.3117, 0.2871



91.8964, 0.3125, 0.3168



64.5981, 0.2855, 0.2883



19.4350, 0.3124, 0.3150



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.



68.4821, 0.3117, 0.2871



70.7277, 0.3114, 0.2786



68.2410, 0.3264, 0.3036



16.6807, 0.3122, 0.3056



11.8610, 0.2963, 0.1406



1.0660, 0.2996, 0.1424

Inverse Universe

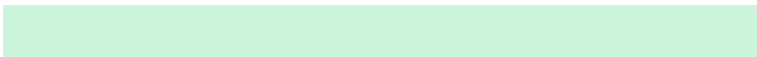
The Inverse Universe completely reimagines the original color for something new.



67.1615, 0.3417, 0.3248



69.0497, 0.3488, 0.3240



83.3402, 0.3011, 0.3558



16.5090, 0.3278, 0.3267



10.5025, 0.6288, 0.3238



0.9318, 0.6057, 0.3110

Previews

White Background



This preview shows how the Yxy color 68.4791, 0.3117, 0.2871 looks on a white background.

Color Contrast Check

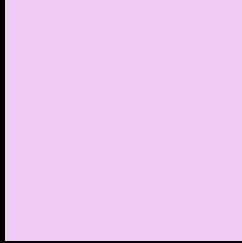
Large Text (above 18pt) WCAG AA × Fail

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 68.4791, 0.3117, 0.2871 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

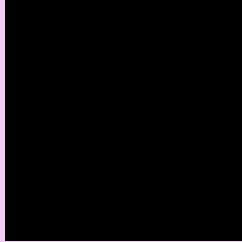
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.4791, 0.3117, 0.2871

Background



This preview shows how black text looks on a background with the Yxy color 68.4791, 0.3117, 0.2871.



This preview shows how white text looks on a background with the Yxy color 68.4791, 0.3117, 0.2871.

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

68.4791, 0.3117, 0.2871

Protanopia

68.6767, 0.2849, 0.2881

Deuteranopia

68.4721, 0.3000, 0.2930



Tritanopia

68.6707, 0.3240, 0.3122

Trichromacy



Original Color

68.4791, 0.3117, 0.2871

Protanomaly

68.3049, 0.2947, 0.2877

Deuteranomaly

68.4664, 0.3043, 0.2913

Tritanomaly

68.8026, 0.3192, 0.3030

Monochromacy



Original Color

68.4791, 0.3117, 0.2871

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.2443, 0.3127, 0.3130

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4791, 0.3117, 0.2871 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(241, 204, 245)` looks like.

```
.text, #text, p{  
    color:rgb(241, 204, 245)  
}
```

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(241, 204, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 204, 245) }
```

Border

The CSS property to change the border of an element to Yxy 68.4791, 0.3117, 0.2871 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(241, 204, 245) }
```

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

```
.border{ border-color:rgb(241, 204, 245) }
```

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

Here you see how a box with a 4 pixel rgb(241, 204, 245) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 204, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 204, 245);  
box-shadow:4px 4px 4px 4px rgb(241, 204,  
245) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4791, 0.3117, 0.2871 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 204, 245) }
```

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

```
.background{ background-color: rgb(241,  
204, 245) }
```

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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