

Converting Colors

Yxy(68.7837, 0.3115, 0.2962)

Have a look what the booklet for
Yxy(68.7837, 0.3115, 0.2962)
contains.

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Color

Yxy(68.5198, 0.3113, 0.2957)

Conversions

Conversions Part 1

Format	Color
Hex	EBCFEF
RGB	235, 207, 239
RGB Percent	92%, 81%, 94%
CMY	0.0787, 0.1881, 0.0628
CMYK	0.02, 0.13, 0.00, 0.06
HSL	292°, 50%, 87%
HSV	292°, 13%, 94%
XYZ	72.1346, 68.5198, 91.0662
YIQ	219.0200, 6.4160, 15.8880

Conversions

Conversions Part 2

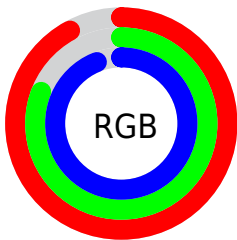
Format	Color
R _Y B	235, 207, 239
Decimal	15454191
CIE Lab	86.27, 15.28, -12.12
CIE LCh	86, 19.498, 321.584
Yxy	68.5198, 0.3113, 0.2957
Android (android.graphics.Color)	4293644271 (0xFFEBCFEF)
YUV	219.0200, 9.8501, 14.0145
Hunter-Lab	82.7767, 10.6922, -7.2838

Details

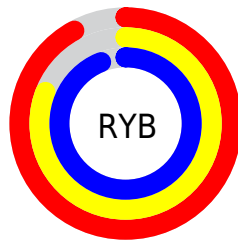
The Yxy color **68.5198, 0.3113, 0.2957** is a light color, and the websafe version is hex **FFCCFF**. A complement of this color would be **80.0857, 0.3137, 0.3641**, and the grayscale version is **70.7768, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.7851, 0.3107, 0.2886** is the 20% darker color. If you saturate the color by 10%, you get **57.2939, 0.3099, 0.2699**, and if you desaturate by 10%, it is **81.5129, 0.3124, 0.3208**.

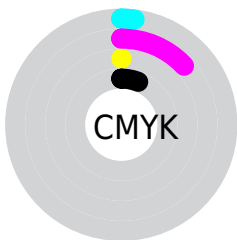
Distribution



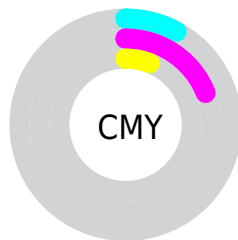
- Red (92%)
- Green (81%)
- Blue (94%)



- Red (92%)
- Yellow (81%)
- Blue (94%)



- Cyan (2%)
- Magenta (13%)
- Yellow (0%)
- Black (6%)





- Cyan (8%)
- Magenta (19%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.5198, 0.3113, 0.2957 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 68.5198, 0.3113, 0.2957 by changing the saturation by 10% instead.

 68.5198, 0.3113,
0.2957

 68.5198, 0.3113,
0.2957


455.3355, 0.3121,
0.3109

 50.3207, 0.3111,
0.2923


117.0954, 0.3116,
0.3009

 35.6683, 0.3108,
0.2881


148.2408, 0.3117,
0.3030

 24.1781, 0.3104,
0.2828


184.4704, 0.3118,
0.3047

 15.4658, 0.3098,
0.2760

226.1686, 0.3119,
0.3063

 9.1470, 0.3089,
0.2669

273.7198, 0.3120,
0.3076

 4.8372, 0.3074,
0.2540


327.5085, 0.3120,

 2.1520, 0.3046,


0.3088


0.2344


387.9189, 0.3121,
0.3099


 0.6937, 0.2997,
0.1985

 0.0000, 0.0000,
0.0000


 68.5198, 0.3113,
0.2957


 68.5198, 0.3113,
0.2957

 57.2939, 0.3099,
0.2699

 81.5129, 0.3124,
0.3208


 47.7479, 0.3081,
0.2440

 96.3379, 0.3132,
0.3447

 39.8001, 0.3059,
0.2189

 96.9847, 0.3151,
0.3447

 33.3588, 0.3033,
0.1958

 97.5301, 0.3170,
0.3447

■ 28.3226, 0.3005,
0.1755

■ 98.0843, 0.3189,
0.3446

■ 24.5779, 0.2974,
0.1591

■ 98.6475, 0.3208,
0.3445

■ 21.9930, 0.2942,
0.1471

■ 99.0106, 0.3220,
0.3444

■ 20.4085, 0.2909,
0.1395

■ 19.7485, 0.2887,
0.1364

Harmonies

Analogous

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



68.5198, 0.2885, 0.2892



68.5198, 0.3113, 0.2957



68.5198, 0.3353, 0.3102

Triad

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



68.5198, 0.3113, 0.2957



68.5198, 0.3539, 0.3652



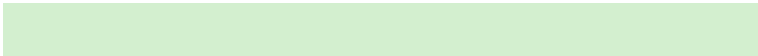
68.5198, 0.2734, 0.3263

Complementary

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



68.5198, 0.3113, 0.2957



80.0857, 0.3137, 0.3641

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.



68.5198, 0.2898, 0.3487



68.5198, 0.3113, 0.2957



68.5198, 0.3362, 0.3716

Square

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



68.5198, 0.3113, 0.2957



68.5198, 0.3604, 0.3496



68.5198, 0.3127, 0.3657



68.5198, 0.2672, 0.3057

Rectangle

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



68.5198, 0.3113, 0.2957



68.5198, 0.3485, 0.3229



68.5198, 0.3127, 0.3657



68.5198, 0.2778, 0.3339

Sweetspot

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



68.5228, 0.3113, 0.2957



93.4199, 0.3123, 0.3192



66.2338, 0.2915, 0.2984



19.7390, 0.3123, 0.3174



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.



68.5228, 0.3113, 0.2957



75.7085, 0.3109, 0.2888



68.5483, 0.3225, 0.3078



15.9241, 0.3118, 0.3056



10.9559, 0.2892, 0.1367



0.9395, 0.2936, 0.1391

Inverse Universe

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



67.6945, 0.3343, 0.3248



74.5880, 0.3394, 0.3239



80.0905, 0.3041, 0.3511



15.7914, 0.3273, 0.3260



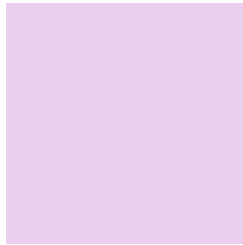
10.2038, 0.6239, 0.3211



0.8592, 0.5950, 0.3051

Previews

White Background



This preview shows how the Yxy color 68.5198, 0.3113, 0.2957 looks on a white background.

Color Contrast Check

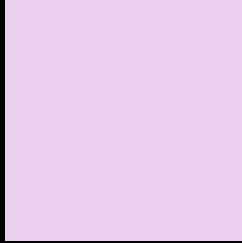
Large Text (above 18pt) WCAG AA × Fail

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 68.5198, 0.3113, 0.2957 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

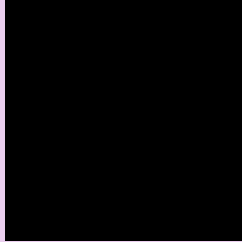
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.5198, 0.3113, 0.2957

Background



This preview shows how black text looks on a background with the Yxy color 68.5198, 0.3113, 0.2957.



This preview shows how white text looks on a background with the Yxy color 68.5198, 0.3113, 0.2957.

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

68.5198, 0.3113, 0.2957

Protanopia

68.6218, 0.2918, 0.2965

Deuteranopia

68.5971, 0.3061, 0.2993



Tritanopia

68.4156, 0.3188, 0.3110

Trichromacy



Original Color

68.5198, 0.3113, 0.2957

Protanomaly

68.2150, 0.2985, 0.2958

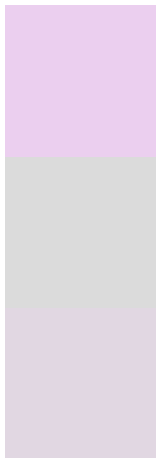
Deuteranomaly

68.5970, 0.3083, 0.2984

Tritanomaly

68.3737, 0.3161, 0.3048

Monochromacy



Original Color

68.5198, 0.3113, 0.2957

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.0994, 0.3125, 0.3172

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.5198, 0.3113, 0.2957 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(235, 207, 239)` looks like.

```
.text, #text, p{  
    color:rgb(235, 207, 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(235, 207, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 207, 239) }
```

Border

The CSS property to change the border of an element to Yxy 68.5198, 0.3113, 0.2957 is called "border". The border property can be set on classes, ids or directly on the HTML element.

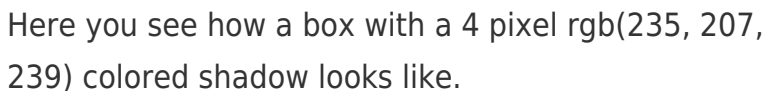
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(235, 207, 239) }
```

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

```
.border{ border-color:rgb(235, 207, 239) }
```

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



Here you see how a box with a 4 pixel `rgb(235, 207, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 207, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 207, 239);  
box-shadow:4px 4px 4px 4px rgb(235, 207,  
239) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 68.5198, 0.3113, 0.2957$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 207, 239) }
```

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

```
.background{ background-color: rgb(235,  
207, 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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