

Converting Colors

Yxy(68.8828, 0.3302, 0.3114)

Have a look what the booklet for
Yxy(68.8828, 0.3302, 0.3114)
contains.

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Color

Yxy(68.8828, 0.3302, 0.3114)

Conversions

Conversions Part 1

Format	Color
Hex	F5CEDF
RGB	245, 206, 223
RGB Percent	96%, 81%, 87%
CMY	0.0393, 0.1921, 0.1254
CMYK	0.00, 0.16, 0.09, 0.04
HSL	334°, 66%, 88%
HSV	334°, 16%, 96%
XYZ	73.0414, 68.8828, 79.2794
YIQ	219.5990, 17.7870, 13.5550

Conversions

Conversions Part 2

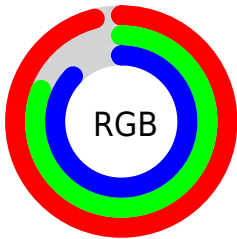
Format	Color
R _Y B	245, 206, 223
Decimal	16109279
CIE Lab	86.45, 16.40, -3.30
CIE LCh	86, 16.731, 348.638
Yxy	68.8828, 0.3302, 0.3114
Android (android.graphics.Color)	4294299359 (0xFFF5CEDF)
YUV	219.5990, 1.6767, 22.2767
Hunter-Lab	82.9957, 11.8489, 1.4618

Details

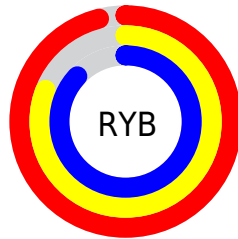
The Yxy color **68.8828, 0.3302, 0.3114** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **84.0081, 0.2981, 0.3473**, and the grayscale version is **71.2560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9750, 0.3338, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **57.2807, 0.3443, 0.2997**, and if you desaturate by 10%, it is **82.3898, 0.3186, 0.3227**.

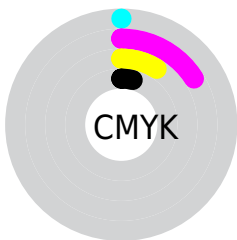
Distribution



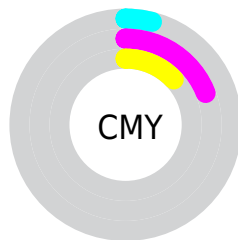
- Red (96%)
- Green (81%)
- Blue (87%)



- Red (96%)
- Yellow (81%)
- Blue (87%)



- Cyan (0%)
- Magenta (16%)
- Yellow (9%)
- Black (4%)





- Cyan (4%)
- Magenta (19%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8828, 0.3302, 0.3114 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 68.8828, 0.3302, 0.3114 by changing the saturation by 10% instead.

 68.8828, 0.3302,
0.3114

 68.8828, 0.3302,
0.3114


456.6175, 0.3221,
0.3195

 50.6163, 0.3321,
0.3095

117.6142, 0.3274,
0.3142

 35.9033, 0.3344,
0.3073


148.8478, 0.3263,
0.3153

 24.3595, 0.3373,
0.3044


185.1726, 0.3253,
0.3163

 15.6005, 0.3412,
0.3006

226.9729, 0.3245,
0.3171

 9.2419, 0.3464,
0.2954

274.6331, 0.3238,
0.3178

 4.8993, 0.3541,
0.2880

328.5377, 0.3232,

 2.1883, 0.3664,

0.3184

0.2764

389.0711, 0.3226,
0.3190

0.7136, 0.3902,
0.2528

0.0000, 1.0000,
0.0000

68.8828, 0.3302,
0.3114

68.8828, 0.3302,
0.3114

57.2807, 0.3443,
0.2997

82.3898, 0.3186,
0.3227

47.4879, 0.3612,
0.2878

97.8679, 0.3090,
0.3332

39.4146, 0.3813,
0.2764

98.1467, 0.3066,
0.3290

32.9592, 0.4047,
0.2664

■ 28.0097, 0.4309,
0.2589

■ 24.4393, 0.4593,
0.2553

■ 22.1001, 0.4883,
0.2568

■ 20.8095, 0.5159,
0.2637

■ 20.4686, 0.5267,
0.2675

Harmonies

Analogous

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



68.8828, 0.3095, 0.2994



68.8828, 0.3302, 0.3114



68.8828, 0.3465, 0.3279

Triad

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



68.8828, 0.3302, 0.3114



68.8828, 0.3347, 0.3653



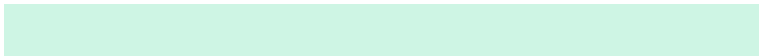
68.8828, 0.2737, 0.3107

Complementary

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



68.8828, 0.3302, 0.3114



84.0081, 0.2981, 0.3473

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.



68.8828, 0.2799, 0.3287



68.8828, 0.3302, 0.3114



68.8828, 0.3148, 0.3612

Square

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



68.8828, 0.3302, 0.3114



68.8828, 0.3490, 0.3591



68.8828, 0.2949, 0.3475



68.8828, 0.2774, 0.2985

Rectangle

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



68.8828, 0.3302, 0.3114



68.8828, 0.3523, 0.3396



68.8828, 0.2949, 0.3475



68.8828, 0.2747, 0.3162

Sweetspot

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



68.8859, 0.3302, 0.3114



91.6793, 0.3176, 0.3236



67.1427, 0.3019, 0.2880



19.3823, 0.3184, 0.3229



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.



68.8859, 0.3302, 0.3114



71.2535, 0.3343, 0.3078



68.9571, 0.3426, 0.3311



16.6028, 0.3225, 0.3187



11.0568, 0.5227, 0.2653



0.9920, 0.4913, 0.2480

Inverse Universe

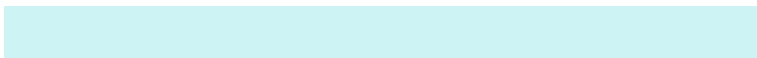
The Inverse Universe completely reimagines the original color for something new.



68.8859, 0.3302, 0.3114



71.2535, 0.3343, 0.3078



83.8278, 0.2885, 0.3269



16.6028, 0.3225, 0.3187



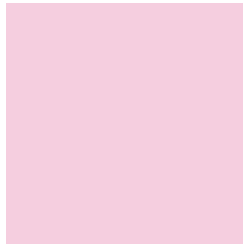
11.0568, 0.5227, 0.2653



0.9920, 0.4913, 0.2480

Previews

White Background



This preview shows how the Yxy color 68.8828, 0.3302, 0.3114 looks on a white background.

Color Contrast Check

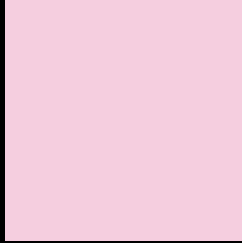
Large Text (above 18pt) WCAG AA × Fail

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 68.8828, 0.3302, 0.3114 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

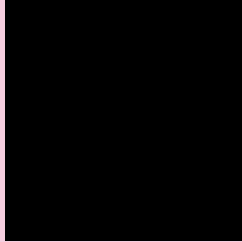
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8828, 0.3302, 0.3114

Background



This preview shows how black text looks on a background with the Yxy color 68.8828, 0.3302, 0.3114.



This preview shows how white text looks on a background with the Yxy color 68.8828, 0.3302, 0.3114.

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

68.8828, 0.3302, 0.3114

Protanopia

69.0097, 0.3048, 0.3137

Deuteranopia

69.0293, 0.3230, 0.3163



Tritanopia

68.8290, 0.3310, 0.3124

Trichromacy



Original Color

68.8828, 0.3302, 0.3114

Protanomaly

68.9639, 0.3135, 0.3129

Deuteranomaly

69.2256, 0.3261, 0.3154

Tritanomaly

68.8290, 0.3310, 0.3124

Monochromacy



Original Color

68.8828, 0.3302, 0.3114

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.4793, 0.3189, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8828, 0.3302, 0.3114 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(245, 206, 223)` looks like.

```
.text, #text, p{  
    color:rgb(245, 206, 223)  
}
```

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(245, 206, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 206, 223) }
```

Border

The CSS property to change the border of an element to Yxy 68.8828, 0.3302, 0.3114 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(245, 206, 223) }
```

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

```
.border{ border-color:rgb(245, 206, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 206, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 206, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 206, 223);  
box-shadow:4px 4px 4px 4px rgb(245, 206,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8828, 0.3302, 0.3114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 206, 223) }
```

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

```
.background{ background-color: rgb(245,  
206, 223) }
```

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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