

Converting Colors

$Y_{xy}(72.0450, 0.3519, 0.3038)$

Have a look what the booklet for
Yxy(72.0450, 0.3519, 0.3038)
contains.

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Color

Yxy(68.0595, 0.3364, 0.3028)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFC8E2 |
| RGB | 255, 200, 226 |
| RGB Percent | 100%, 78%, 89% |
| CMY | 0.0001, 0.2156, 0.1138 |
| CMYK | 0.00, 0.22, 0.11, 0.00 |
| HSL | 332°, 100%, 89% |
| HSV | 332°, 22%, 100% |
| XYZ | 75.6117, 68.0595, 81.0960 |
| YIQ | 219.4090, 24.4340, 19.7460 |

Conversions

Conversions Part 2

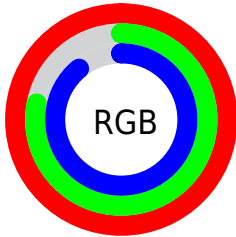
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 255, 200, 226 |
| Decimal | 16763106 |
| CIE Lab | 86.04, 23.48, -5.37 |
| CIE LCh | 86, 24.085, 347.125 |
| Yxy | 68.0595, 0.3364, 0.3028 |
| Android (android.graphics.Color) | 4294953186 (0xFFFFC8E2) |
| YUV | 219.4090, 3.2494, 31.2133 |
| Hunter-Lab | 82.4982, 19.2280, -0.5335 |

Details

The Yxy color $68.0595, 0.3364, 0.3028$ is a light color, and the websafe version is hex FFCCFF . A complement of this color would be $89.4389, 0.2941, 0.3568$, and the grayscale version is $71.1017, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.5038, 0.3420, 0.2967$ is the 20% darker color. If you saturate the color by 10%, you get $56.5099, 0.3511, 0.2900$, and if you desaturate by 10%, it is $81.6424, 0.3242, 0.3153$.

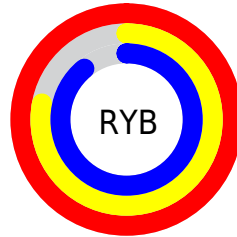
Distribution



Red (100%)

Green (78%)

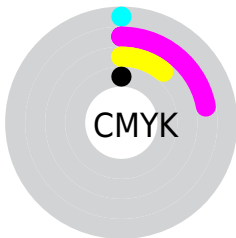
Blue (89%)



Red (100%)

Yellow (78%)

Blue (89%)

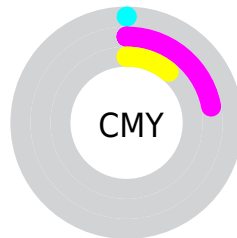


Cyan (0%)

Magenta (22%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (22%)


Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0595, 0.3364, 0.3028 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 68.0595, 0.3364, 0.3028 by changing the saturation by 10% instead.

 68.0595, 0.3364,
0.3028

 68.0595, 0.3364,
0.3028

453.7068, 0.3254,
0.3148

 49.9461, 0.3389,
0.3001


116.4373, 0.3326,
0.3070

 35.3706, 0.3420,
0.2967


147.4704, 0.3311,
0.3086

 23.9485, 0.3460,
0.2925


183.5790, 0.3298,
0.3100

 15.2954, 0.3511,
0.2870

225.1474, 0.3287,
0.3112

 9.0270, 0.3582,
0.2795

272.5600, 0.3278,
0.3123

 4.7588, 0.3684,
0.2689

326.2012, 0.3269,

 2.1064, 0.3844,

0.3132

386.4553, 0.3261,
0.3141

0.2525

0.6682, 0.4156,
0.2197

0.0000, 1.0000,
0.0000

68.0595, 0.3364,
0.3028

68.0595, 0.3364,
0.3028

56.5099, 0.3511,
0.2900

81.6424, 0.3242,
0.3153

46.8855, 0.3685,
0.2774

97.3416, 0.3141,
0.3272

39.0822, 0.3889,
0.2657

99.9940, 0.3127,
0.3290

32.9821, 0.4122,
0.2562

■ 28.4533, 0.4377,
0.2500

■ 25.3443, 0.4644,
0.2484

■ 23.4729, 0.4908,
0.2523

■ 22.6225, 0.5119,
0.2594

Harmonies

Analogous

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



68.0595, 0.3063, 0.2864



68.0595, 0.3364, 0.3028



68.0595, 0.3608, 0.3257

Triad

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



68.0595, 0.3364, 0.3028



68.0595, 0.3455, 0.3817



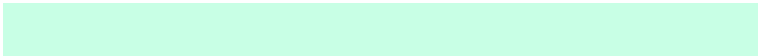
68.0595, 0.2571, 0.3032

Complementary

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



68.0595, 0.3364, 0.3028



89.4389, 0.2941, 0.3568

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.



68.0595, 0.2665, 0.3295



68.0595, 0.3364, 0.3028



68.0595, 0.3169, 0.3770

Square

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



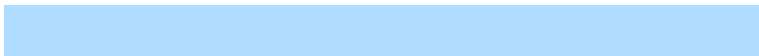
68.0595, 0.3364, 0.3028



68.0595, 0.3659, 0.3712



68.0595, 0.2881, 0.3573



68.0595, 0.2616, 0.2856

Rectangle

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



68.0595, 0.3364, 0.3028



68.0595, 0.3699, 0.3423



68.0595, 0.2881, 0.3573



68.0595, 0.2587, 0.3112

Sweetspot

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



68.0626, 0.3364, 0.3028



90.1149, 0.3184, 0.3220



65.0972, 0.2959, 0.2720



19.0681, 0.3190, 0.3212



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.



68.0626, 0.3364, 0.3028



62.6955, 0.3426, 0.2971



67.1687, 0.3564, 0.3301



18.1300, 0.3220, 0.3178



11.8537, 0.5081, 0.2572



1.1760, 0.4811, 0.2424

Inverse Universe

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



68.0626, 0.3364, 0.3028



62.6955, 0.3426, 0.2971



90.4171, 0.2805, 0.3280



18.1300, 0.3220, 0.3178



11.8537, 0.5081, 0.2572



1.1760, 0.4811, 0.2424

Previews

White Background



This preview shows how the Yxy color 68.0595, 0.3364, 0.3028 looks on a white background.

Color Contrast Check

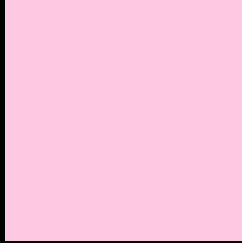
Large Text (above 18pt) WCAG AA × Fail

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 68.0595, 0.3364, 0.3028 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

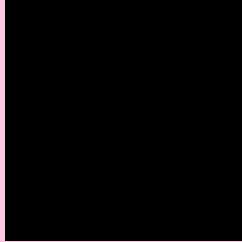
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.0595, 0.3364, 0.3028

Background



This preview shows how black text looks on a background with the Yxy color 68.0595, 0.3364, 0.3028.



This preview shows how white text looks on a background with the Yxy color 68.0595, 0.3364, 0.3028.

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

68.0595, 0.3364, 0.3028

Protanopia

68.3874, 0.2988, 0.3061

Deuteranopia

68.1386, 0.3194, 0.3130



Tritanopia

68.3216, 0.3422, 0.3138

Trichromacy



Original Color

68.0595, 0.3364, 0.3028

Protanomaly

68.0851, 0.3117, 0.3045

Deuteranomaly

68.1041, 0.3250, 0.3091

Tritanomaly

68.0114, 0.3401, 0.3097

Monochromacy



Original Color

68.0595, 0.3364, 0.3028

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.5167, 0.3206, 0.3184

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0595, 0.3364, 0.3028 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(255, 200, 226)` looks like.

```
.text, #text, p{  
    color:rgb(255, 200, 226)  
}
```

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(255, 200, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 200, 226) }
```

Border

The CSS property to change the border of an element to Yxy 68.0595, 0.3364, 0.3028 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(255, 200, 226) }
```

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

```
.border{ border-color:rgb(255, 200, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 200, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 200, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 200, 226);  
box-shadow:4px 4px 4px 4px rgb(255, 200,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0595, 0.3364, 0.3028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 200, 226) }
```

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

```
.background{ background-color: rgb(255,  
200, 226) }
```

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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