

Converting Colors

$Y_{xy}(100.0000, 0.4299, 0.3179)$

Have a look what the booklet for
Yxy(100.0000, 0.4299, 0.3179)
contains.

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Color

Yxy(69.0863, 0.3413, 0.3128)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBDB
RGB	255, 203, 219
RGB Percent	100%, 80%, 86%
CMY	0.0001, 0.2039, 0.1411
CMYK	0.00, 0.20, 0.14, 0.00
HSL	342°, 100%, 90%
HSV	342°, 20%, 100%
XYZ	75.3809, 69.0863, 76.3969
YIQ	220.3720, 25.8560, 16.0000

Conversions

Conversions Part 2

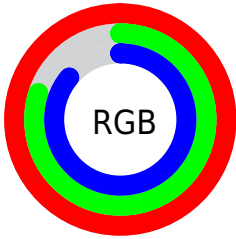
Format	Color
R _Y B	255, 203, 219
Decimal	16763867
CIE Lab	86.55, 20.81, -0.91
CIE LCh	87, 20.827, 357.483
Yxy	69.0863, 0.3413, 0.3128
Android (android.graphics.Color)	4294953947 (0xFFFFCBDB)
YUV	220.3720, -0.6764, 30.3688
Hunter-Lab	83.1182, 16.4271, 3.6871

Details

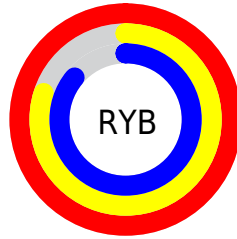
The Yxy color **69.0863, 0.3413, 0.3128** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.4397, 0.2905, 0.3459**, and the grayscale version is **71.8369, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.1810, 0.3485, 0.3096** is the 20% darker color. If you saturate the color by 10%, you get **57.1389, 0.3603, 0.3043**, and if you desaturate by 10%, it is **83.1190, 0.3258, 0.3210**.

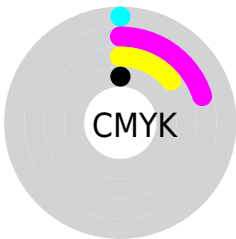
Distribution



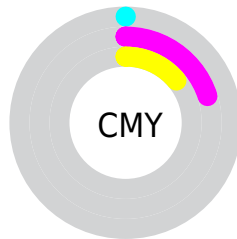
- Red (100%)
- Green (80%)
- Blue (86%)



- Red (100%)
- Yellow (80%)
- Blue (86%)



- Cyan (0%)
- Magenta (20%)
- Yellow (14%)
- Black (0%)




- Cyan (0%)
- Magenta (20%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.0863, 0.3413, 0.3128 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 69.0863, 0.3413, 0.3128 by changing the saturation by 10% instead.


 69.0863, 0.3413,
0.3128

 69.0863, 0.3413,
0.3128


457.3353, 0.3280,
0.3203

 50.7820, 0.3444,
0.3111

117.9048, 0.3366,
0.3154

 36.0351, 0.3482,
0.3089


149.1878, 0.3348,
0.3164

 24.4613, 0.3531,
0.3062

185.5659, 0.3333,
0.3173

 15.6762, 0.3595,
0.3026

227.4233, 0.3319,
0.3181

 9.2953, 0.3683,
0.2977

275.1446, 0.3308,
0.3188

 4.9343, 0.3812,
0.2905

329.1141, 0.3297,

 2.2088, 0.4018,

0.3193

0.2792

389.7162, 0.3288,
0.3199

0.7248, 0.4418,
0.2564

0.0000, 1.0000,
0.0000

69.0863, 0.3413,
0.3128

69.0863, 0.3413,
0.3128

57.1389, 0.3603,
0.3043

83.1190, 0.3258,
0.3210

47.1677, 0.3834,
0.2960

99.3206, 0.3132,
0.3287

39.0676, 0.4109,
0.2884

99.9976, 0.3127,
0.3290

32.7204, 0.4427,
0.2825

■ 27.9937, 0.4780,
0.2795

■ 24.7365, 0.5146,
0.2806

■ 22.7684, 0.5494,
0.2865

■ 21.8159, 0.5782,
0.2959

Harmonies

Analogous

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



69.0863, 0.3163, 0.2961



69.0863, 0.3413, 0.3128



69.0863, 0.3588, 0.3338

Triad

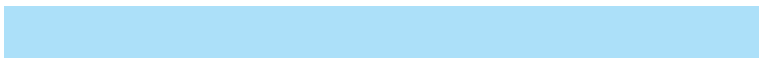
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



69.0863, 0.3413, 0.3128



69.0863, 0.3330, 0.3743



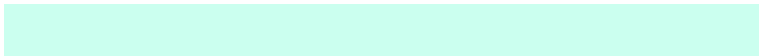
69.0863, 0.2645, 0.3006

Complementary

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



69.0863, 0.3413, 0.3128



90.4397, 0.2905, 0.3459

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.



69.0863, 0.2687, 0.3213



69.0863, 0.3413, 0.3128



69.0863, 0.3076, 0.3654

Square

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



69.0863, 0.3413, 0.3128



69.0863, 0.3537, 0.3698



69.0863, 0.2841, 0.3455



69.0863, 0.2726, 0.2886

Rectangle

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



69.0863, 0.3413, 0.3128



69.0863, 0.3634, 0.3480



69.0863, 0.2841, 0.3455



69.0863, 0.2646, 0.3067

Sweetspot

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



69.0894, 0.3413, 0.3128



89.9606, 0.3199, 0.3244



68.2037, 0.3032, 0.2763



19.0317, 0.3208, 0.3239



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

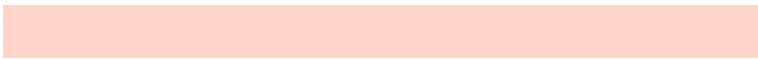
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.0894, 0.3413, 0.3128



64.5414, 0.3477, 0.3098



72.9262, 0.3517, 0.3389



18.0792, 0.3246, 0.3217



11.4239, 0.5740, 0.2935



1.1309, 0.5419, 0.2759

Inverse Universe

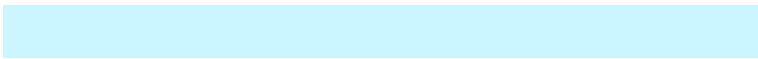
The Inverse Universe completely reimagines the original color for something new.



69.0894, 0.3413, 0.3128



64.5414, 0.3477, 0.3098



85.4990, 0.2815, 0.3189



18.0792, 0.3246, 0.3217



11.4239, 0.5740, 0.2935



1.1309, 0.5419, 0.2759

Previews

White Background



This preview shows how the Yxy color 69.0863, 0.3413, 0.3128 looks on a white background.

Color Contrast Check

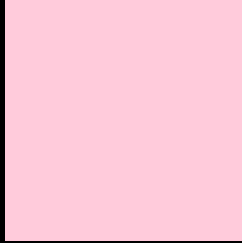
Large Text (above 18pt) WCAG AA × Fail

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 69.0863, 0.3413, 0.3128 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

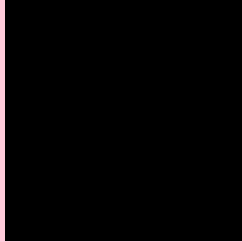
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.0863, 0.3413, 0.3128

Background



This preview shows how black text looks on a background with the Yxy color 69.0863, 0.3413, 0.3128.



This preview shows how white text looks on a background with the Yxy color 69.0863, 0.3413, 0.3128.

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

69.0863, 0.3413, 0.3128

Protanopia

69.5081, 0.3075, 0.3181

Deuteranopia

69.1597, 0.3274, 0.3206



Tritanopia

69.0863, 0.3413, 0.3128

Trichromacy



Original Color

69.0863, 0.3413, 0.3128

Protanomaly

68.9052, 0.3192, 0.3162

Deuteranomaly

68.9207, 0.3330, 0.3176

Tritanomaly

69.0863, 0.3413, 0.3128

Monochromacy



Original Color

69.0863, 0.3413, 0.3128

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.5841, 0.3226, 0.3226

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.0863, 0.3413, 0.3128 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, 203, 219)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 219)  
}
```

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, 203, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 219) }
```

Border

The CSS property to change the border of an element to Yxy 69.0863, 0.3413, 0.3128 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, 203, 219) }
```

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

```
.border{ border-color:rgb(255, 203, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 219);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 69.0863, 0.3413, 0.3128 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 219) }
```

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

```
.background{ background-color: rgb(255,  
203, 219) }
```

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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