

# Converting Colors

Yxy(69.2853, 0.3413, 0.3249)

Have a look what the booklet for  
Yxy(69.2853, 0.3413, 0.3249)  
contains.

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# Color

**Yxy(69.2853, 0.3413, 0.3249)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8CFD3
RGB	248, 207, 211
RGB Percent	97%, 81%, 83%
CMY	0.0275, 0.1882, 0.1724
CMYK	0.00, 0.17, 0.15, 0.03
HSL	354°, 75%, 89%
HSV	354°, 17%, 97%
XYZ	72.7826, 69.2853, 71.1832
YIQ	219.7150, 23.1520, 9.9360

# Conversions

## Conversions Part 2

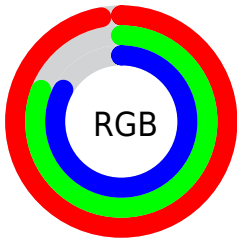
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	248, 207, 211
Decimal	16306131
CIE <sub>Lab</sub>	86.65, 15.00, 3.39
CIE <sub>LCh</sub>	87, 15.382, 12.744
Yxy	69.2853, 0.3413, 0.3249
Android (android.graphics.Color)	4294496211 (0xFFF8CFD3)
YUV	219.7150, -4.2965, 24.8059
Hunter-Lab	83.2378, 10.4132, 7.5629

# Details

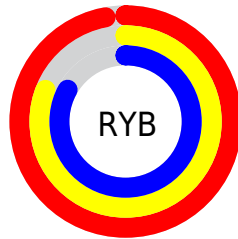
The Yxy color **69.2853, 0.3413, 0.3249** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.9263, 0.2898, 0.3332**, and the grayscale version is **71.3821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **36.2932, 0.3476, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **57.1554, 0.3644, 0.3223**, and if you desaturate by 10%, it is **83.4647, 0.3228, 0.3274**.

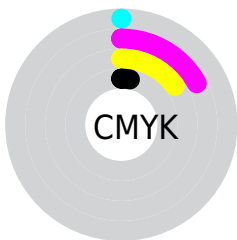
# Distribution



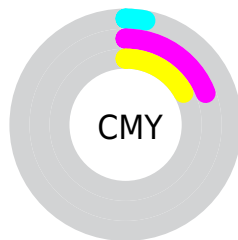
- Red (97%)
- Green (81%)
- Blue (83%)



- Red (97%)
- Yellow (81%)
- Blue (83%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (3%)




- Cyan (3%)
- Magenta (19%)
- Yellow (17%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 69.2853, 0.3413, 0.3249 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 69.2853, 0.3413, 0.3249 by changing the saturation by 10% instead.




 69.2853, 0.3413,  
0.3249

 69.2853, 0.3413,  
0.3249


458.0366, 0.3279,  
0.3269

 50.9441, 0.3444,  
0.3244

118.1890, 0.3366,  
0.3256

 36.1641, 0.3483,  
0.3238


149.5202, 0.3348,  
0.3259

 24.5610, 0.3532,  
0.3230


185.9503, 0.3332,  
0.3261

 15.7503, 0.3598,  
0.3218

227.8636, 0.3319,  
0.3263

 9.3476, 0.3688,  
0.3202

275.6444, 0.3307,  
0.3265

 4.9686, 0.3821,  
0.3177

329.6773, 0.3297,

 2.2289, 0.4036,

0.3267

0.3133

390.3465, 0.3287,  
0.3268

0.7357, 0.4552,  
0.3084

0.0000, 1.0000,  
0.0000

69.2853, 0.3413,  
0.3249

69.2853, 0.3413,  
0.3249

57.1554, 0.3644,  
0.3223

83.4647, 0.3228,  
0.3274

46.9714, 0.3929,  
0.3196

98.6951, 0.3084,  
0.3290

38.6347, 0.4276,  
0.3173

32.0345, 0.4682,  
0.3155

■ 27.0478, 0.5132,  
0.3150

■ 23.5360, 0.5583,  
0.3162

■ 21.3366, 0.5976,  
0.3192

■ 20.2469, 0.6247,  
0.3238

■ 20.0224, 0.6311,  
0.3251

# Harmonies

## Analogous

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



69.2853, 0.3252, 0.3102



69.2853, 0.3413, 0.3249



69.2853, 0.3496, 0.3410

# Triad

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



69.2853, 0.3413, 0.3249



69.2853, 0.3185, 0.3600



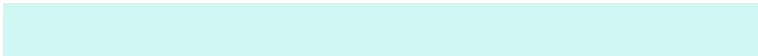
69.2853, 0.2788, 0.3026

# Complementary

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



69.2853, 0.3413, 0.3249



86.9263, 0.2898, 0.3332

# 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.



69.2853, 0.2772, 0.3152



69.2853, 0.3413, 0.3249



69.2853, 0.2997, 0.3490

# Square

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



69.2853, 0.3413, 0.3249



69.2853, 0.3361, 0.3619



69.2853, 0.2848, 0.3323



69.2853, 0.2892, 0.2974



# Rectangle

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



69.2853, 0.3413, 0.3249



69.2853, 0.3494, 0.3506



69.2853, 0.2848, 0.3323



69.2853, 0.2773, 0.3061

# Sweetspot

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



69.2884, 0.3413, 0.3249



91.4146, 0.3203, 0.3278



70.6197, 0.3117, 0.2876



19.3181, 0.3214, 0.3276



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.



69.2884, 0.3413, 0.3249



69.0494, 0.3488, 0.3240



77.4502, 0.3416, 0.3460



17.2529, 0.3279, 0.3267



10.8259, 0.6290, 0.3239



1.0116, 0.6070, 0.3117



# Inverse Universe

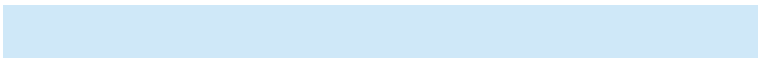
The Inverse Universe completely reimagines the original color for something new.



69.2884, 0.3413, 0.3249



69.0494, 0.3488, 0.3240



77.5303, 0.2869, 0.3114



17.2529, 0.3279, 0.3267



10.8259, 0.6290, 0.3239

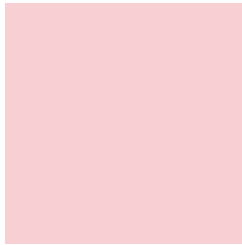


1.0116, 0.6070, 0.3117



# Previews

## White Background



This preview shows how the Yxy color 69.2853, 0.3413, 0.3249 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

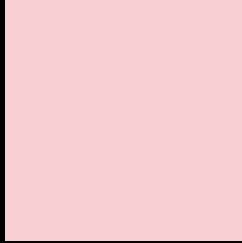
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 69.2853, 0.3413, 0.3249 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

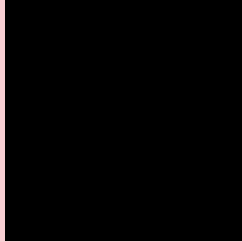
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 69.2853, 0.3413, 0.3249**

## **Background**



This preview shows how black text looks on a background with the Yxy color 69.2853, 0.3413, 0.3249.



This preview shows how white text looks on a background with the Yxy color 69.2853, 0.3413, 0.3249.

# 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

69.2853, 0.3413, 0.3249

### Protanopia

69.4418, 0.3164, 0.3290

### Deuteranopia

69.2716, 0.3354, 0.3291



## Tritanopia

69.0228, 0.3349, 0.3126

# Trichromacy



## Original Color

69.2853, 0.3413, 0.3249

## Protanomaly

69.4325, 0.3254, 0.3280

## Deuteranomaly

69.3088, 0.3379, 0.3280

## Tritanomaly

69.2921, 0.3378, 0.3177

# Monochromacy



## Original Color

69.2853, 0.3413, 0.3249

## Achromatopsia

71.5694, 0.3127, 0.3290

## Achromatomaly

70.4336, 0.3224, 0.3269

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 69.2853, 0.3413, 0.3249 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(248, 207, 211)` looks like.

```
.text, #text, p{  
    color:rgb(248, 207, 211)  
}
```

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(248, 207, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 207, 211) }
```

## Border

The CSS property to change the border of an element to Yxy 69.2853, 0.3413, 0.3249 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(248, 207, 211) }
```

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

```
.border{ border-color:rgb(248, 207, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 207, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 207, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 207, 211);  
box-shadow:4px 4px 4px 4px rgb(248, 207,  
211) }
```



# Background

The CSS property to change the background color of an element to Yxy 69.2853, 0.3413, 0.3249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 207, 211) }
```

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

```
.background{ background-color: rgb(248,  
207, 211) }
```

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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