

Converting Colors

Yxy(67.9764, 0.3408, 0.3248)

Have a look what the booklet for
Yxy(67.9764, 0.3408, 0.3248)
contains.

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Color

Yxy(67.8589, 0.3416, 0.3249)

Conversions

Conversions Part 1

Format	Color
Hex	F6CDD1
RGB	246, 205, 209
RGB Percent	96%, 80%, 82%
CMY	0.0353, 0.1961, 0.1804
CMYK	0.00, 0.17, 0.15, 0.04
HSL	354°, 70%, 88%
HSV	354°, 17%, 96%
XYZ	71.3469, 67.8589, 69.6551
YIQ	217.7150, 23.1520, 9.9360

Conversions

Conversions Part 2

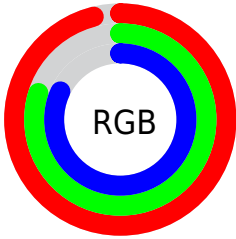
Format	Color
R _Y B	246, 205, 209
Decimal	16174545
CIE Lab	85.94, 15.03, 3.42
CIE LCh	86, 15.417, 12.822
Yxy	67.8589, 0.3416, 0.3249
Android (android.graphics.Color)	4294364625 (0xFFF6CDD1)
YUV	217.7150, -4.2965, 24.8059
Hunter-Lab	82.3765, 10.4412, 7.5297

Details

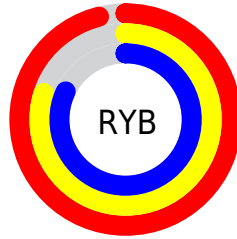
The Yxy color **67.8589, 0.3416, 0.3249** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.3072, 0.2897, 0.3332**, and the grayscale version is **69.9247, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3186, 0.3480, 0.3237** is the 20% darker color. If you saturate the color by 10%, you get **55.9786, 0.3648, 0.3223**, and if you desaturate by 10%, it is **81.7490, 0.3230, 0.3274**.

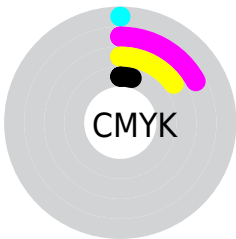
Distribution



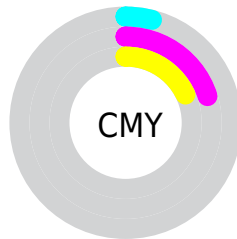
- Red (96%)
- Green (80%)
- Blue (82%)



- Red (96%)
- Yellow (80%)
- Blue (82%)



- Cyan (0%)
- Magenta (17%)
- Yellow (15%)
- Black (4%)





- Cyan (4%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8589, 0.3416, 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 67.8589, 0.3416, 0.3249 by changing the saturation by 10% instead.


 67.8589, 0.3416,
0.3249

 67.8589, 0.3416,
0.3249


452.9959, 0.3280,
0.3269

 49.7830, 0.3448,
0.3244


116.1503, 0.3368,
0.3256

 35.2410, 0.3487,
0.3238


147.1345, 0.3350,
0.3259

 23.8486, 0.3538,
0.3229


183.1902, 0.3334,
0.3262

 15.2213, 0.3605,
0.3218

224.7019, 0.3320,
0.3264

 8.9749, 0.3698,
0.3201

272.0539, 0.3308,
0.3265

 4.7248, 0.3835,
0.3175

325.6307, 0.3298,

 2.0867, 0.4059,

0.3267

0.3130

385.8165, 0.3288,
0.3268

0.6571, 0.4689,
0.3079

0.0000, 0.0000,
0.0000

67.8589, 0.3416,
0.3249

67.8589, 0.3416,
0.3249

55.9786, 0.3648,
0.3223

81.7490, 0.3230,
0.3274

46.0063, 0.3934,
0.3197

97.7261, 0.3081,
0.3298

37.8453, 0.4282,
0.3173

98.3341, 0.3072,
0.3290

31.3867, 0.4689,
0.3156

■ 26.5099, 0.5139,
0.3151

■ 23.0785, 0.5590,
0.3163

■ 20.9328, 0.5981,
0.3194

■ 19.8728, 0.6250,
0.3239

■ 19.6598, 0.6312,
0.3251

Harmonies

Analogous

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



67.8589, 0.3254, 0.3101



67.8589, 0.3416, 0.3249



67.8589, 0.3499, 0.3412

Triad

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



67.8589, 0.3416, 0.3249



67.8589, 0.3185, 0.3602



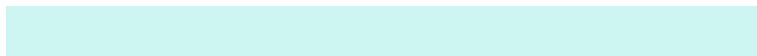
67.8589, 0.2785, 0.3024

Complementary

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



67.8589, 0.3416, 0.3249



85.3072, 0.2897, 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.



67.8589, 0.2769, 0.3150



67.8589, 0.3416, 0.3249



67.8589, 0.2996, 0.3491

Square

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



67.8589, 0.3416, 0.3249



67.8589, 0.3363, 0.3622



67.8589, 0.2845, 0.3322



67.8589, 0.2891, 0.2971

Rectangle

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



67.8589, 0.3416, 0.3249



67.8589, 0.3498, 0.3509



67.8589, 0.2845, 0.3322



67.8589, 0.2769, 0.3058

Sweetspot

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



67.8620, 0.3416, 0.3249



91.4140, 0.3203, 0.3278



69.1796, 0.3117, 0.2873



19.3180, 0.3214, 0.3277



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.



67.8620, 0.3416, 0.3249



69.0474, 0.3488, 0.3240



75.9292, 0.3418, 0.3461



16.5087, 0.3278, 0.3267



10.5020, 0.6290, 0.3239



0.9317, 0.6060, 0.3112

Inverse Universe

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



67.8620, 0.3416, 0.3249



69.0474, 0.3488, 0.3240



76.0084, 0.2867, 0.3113



16.5087, 0.3278, 0.3267



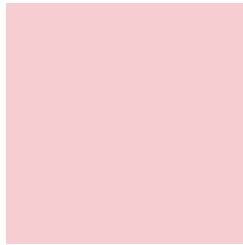
10.5020, 0.6290, 0.3239



0.9317, 0.6060, 0.3112

Previews

White Background



This preview shows how the Yxy color 67.8589, 0.3416, 0.3249 looks on a white background.

Color Contrast Check

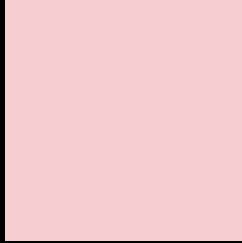
Large Text (above 18pt) WCAG AA × Fail

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 67.8589, 0.3416, 0.3249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

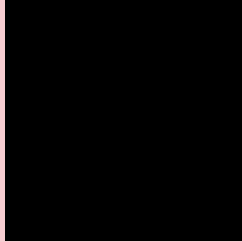
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.8589, 0.3416, 0.3249

Background



This preview shows how black text looks on a background with the Yxy color 67.8589, 0.3416, 0.3249.



This preview shows how white text looks on a background with the Yxy color 67.8589, 0.3416, 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

67.8589, 0.3416, 0.3249

Protanopia

68.0082, 0.3164, 0.3290

Deuteranopia

67.8430, 0.3357, 0.3291



Tritanopia

67.6005, 0.3351, 0.3125

Trichromacy



Original Color

67.8589, 0.3416, 0.3249

Protanomaly

68.0000, 0.3255, 0.3280

Deuteranomaly

67.8805, 0.3381, 0.3280

Tritanomaly

67.8662, 0.3380, 0.3176

Monochromacy



Original Color

67.8589, 0.3416, 0.3249

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

68.9888, 0.3224, 0.3269

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8589, 0.3416, 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(246, 205, 209)` looks like.

```
.text, #text, p{  
    color:rgb(246, 205, 209)  
}
```

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(246, 205, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 205, 209) }
```

Border

The CSS property to change the border of an element to Yxy 67.8589, 0.3416, 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(246, 205, 209) }
```

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

```
.border{ border-color:rgb(246, 205, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 205, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(246, 205,  
209) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8589, 0.3416, 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(246, 205, 209) }
```

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

```
.background{ background-color: rgb(246,  
205, 209) }
```

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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