

Converting Colors

Yxy(67.9463, 0.3403, 0.3197)

Have a look what the booklet for
Yxy(67.9463, 0.3403, 0.3197)
contains.

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Color

Yxy(67.9463, 0.3403, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	F8CCD5
RGB	248, 204, 213
RGB Percent	97%, 80%, 84%
CMY	0.0273, 0.2000, 0.1647
CMYK	0.00, 0.18, 0.14, 0.03
HSL	348°, 76%, 89%
HSV	348°, 18%, 97%
XYZ	72.3244, 67.9463, 72.2607
YIQ	218.1820, 23.3350, 12.1270

Conversions

Conversions Part 2

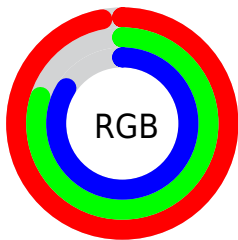
Format	Color
R _Y B	248, 204, 213
Decimal	16305365
CIE Lab	85.98, 16.91, 1.37
CIE LCh	86, 16.966, 4.646
Yxy	67.9463, 0.3403, 0.3197
Android (android.graphics.Color)	4294495445 (0xFFF8CCD5)
YUV	218.1820, -2.5547, 26.1504
Hunter-Lab	82.4295, 12.3658, 5.7249

Details

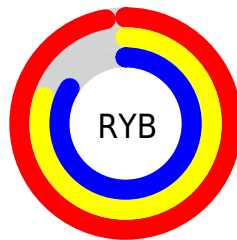
The Yxy color **67.9463, 0.3403, 0.3197** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **86.2252, 0.2908, 0.3385**, and the grayscale version is **70.2531, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3577, 0.3472, 0.3184** is the 20% darker color. If you saturate the color by 10%, you get **56.1417, 0.3611, 0.3141**, and if you desaturate by 10%, it is **81.7563, 0.3235, 0.3251**.

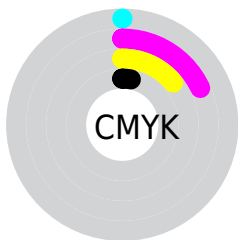
Distribution



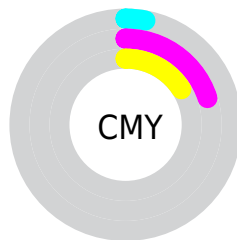
- Red (97%)
- Green (80%)
- Blue (84%)



- Red (97%)
- Yellow (80%)
- Blue (84%)



- Cyan (0%)
- Magenta (18%)
- Yellow (14%)
- Black (3%)





- Cyan (3%)
- Magenta (20%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.9463, 0.3403, 0.3197 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 67.9463, 0.3403, 0.3197 by changing the saturation by 10% instead.

 67.9463, 0.3403,
0.3197

 67.9463, 0.3403,
0.3197


453.3057, 0.3273,
0.3241

 49.8540, 0.3433,
0.3187


116.2753, 0.3358,
0.3213

 35.2974, 0.3471,
0.3174


147.2809, 0.3340,
0.3219

 23.8921, 0.3518,
0.3157


183.3597, 0.3325,
0.3224

 15.2536, 0.3582,
0.3135

224.8961, 0.3312,
0.3228

 8.9976, 0.3670,
0.3104

272.2745, 0.3301,
0.3232

 4.7396, 0.3799,
0.3058


325.8793, 0.3290,

 2.0953, 0.4010,


0.3235


0.2981


386.0949, 0.3281,
0.3238

 0.6620, 0.4513,
0.2823


 0.0000, 0.0000,
0.0000


 67.9463, 0.3403,
0.3197

 67.9463, 0.3403,
0.3197

 56.1417, 0.3611,
0.3141

 81.7563, 0.3235,
0.3251

 46.2403, 0.3866,
0.3085

 97.6495, 0.3099,
0.3301

 38.1447, 0.4174,
0.3034

 98.7028, 0.3084,
0.3290

 31.7453, 0.4534,
0.2995

■ 26.9203, 0.4936,
0.2976

■ 23.5317, 0.5352,
0.2988

■ 21.4173, 0.5737,
0.3037

■ 20.3615, 0.6043,
0.3117

■ 20.2000, 0.6100,
0.3134

Harmonies

Analogous

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



67.9463, 0.3209, 0.3046



67.9463, 0.3403, 0.3197



67.9463, 0.3523, 0.3375

Triad

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



67.9463, 0.3403, 0.3197



67.9463, 0.3247, 0.3651



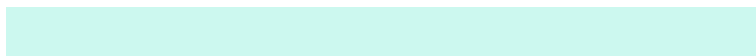
67.9463, 0.2737, 0.3027

Complementary

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



67.9463, 0.3403, 0.3197



86.2252, 0.2908, 0.3385

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.



67.9463, 0.2747, 0.3184



67.9463, 0.3403, 0.3197



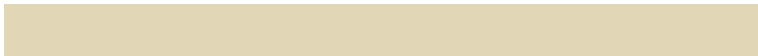
67.9463, 0.3037, 0.3554

Square

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



67.9463, 0.3403, 0.3197



67.9463, 0.3430, 0.3642



67.9463, 0.2855, 0.3379



67.9463, 0.2827, 0.2947

Rectangle

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



67.9463, 0.3403, 0.3197



67.9463, 0.3542, 0.3488



67.9463, 0.2855, 0.3379



67.9463, 0.2729, 0.3072

Sweetspot

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



67.9494, 0.3403, 0.3197



91.4973, 0.3195, 0.3265



68.2238, 0.3078, 0.2839



19.3381, 0.3205, 0.3261



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.



67.9494, 0.3403, 0.3197



68.0179, 0.3466, 0.3179



73.6753, 0.3449, 0.3420



17.2833, 0.3262, 0.3242



10.9246, 0.6065, 0.3115



1.0263, 0.5749, 0.2940

Inverse Universe

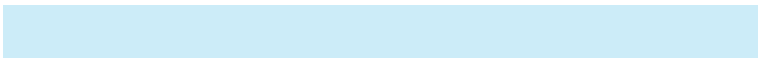
The Inverse Universe completely reimagines the original color for something new.



67.9494, 0.3403, 0.3197



68.0179, 0.3466, 0.3179



79.3512, 0.2852, 0.3156



17.2833, 0.3262, 0.3242



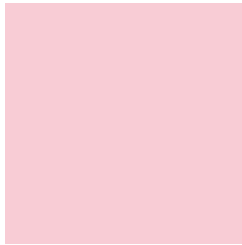
10.9246, 0.6065, 0.3115



1.0263, 0.5749, 0.2940

Previews

White Background



This preview shows how the Yxy color 67.9463, 0.3403, 0.3197 looks on a white background.

Color Contrast Check

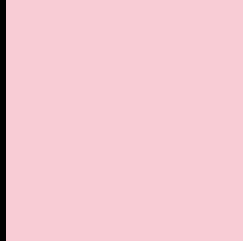
Large Text (above 18pt) WCAG AA × Fail

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 67.9463, 0.3403, 0.3197 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 67.9463, 0.3403, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 67.9463, 0.3403, 0.3197.

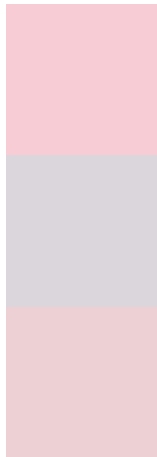


This preview shows how white text looks on a background with the Yxy color 67.9463, 0.3403, 0.3197.

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

67.9463, 0.3403, 0.3197

Protanopia

68.1130, 0.3122, 0.3235

Deuteranopia

67.8697, 0.3319, 0.3248



Tritanopia

67.9661, 0.3367, 0.3126

Trichromacy



Original Color

67.9463, 0.3403, 0.3197

Protanomaly

67.7610, 0.3220, 0.3215

Deuteranomaly

68.0799, 0.3352, 0.3238

Tritanomaly

67.8614, 0.3382, 0.3146

Monochromacy



Original Color

67.9463, 0.3403, 0.3197

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.2044, 0.3225, 0.3258

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.9463, 0.3403, 0.3197 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, 204, 213)` looks like.

```
.text, #text, p{  
    color:rgb(248, 204, 213)  
}
```

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, 204, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 204, 213) }
```

Border

The CSS property to change the border of an element to Yxy 67.9463, 0.3403, 0.3197 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, 204, 213) }
```

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

```
.border{ border-color:rgb(248, 204, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 204, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 204, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 204, 213);  
box-shadow:4px 4px 4px 4px rgb(248, 204,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 67.9463, 0.3403, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 204, 213) }
```

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

```
.background{ background-color: rgb(248,  
204, 213) }
```

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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