

Converting Colors

$Yxy(68.5108, 0.3451, 0.3310)$

Have a look what the booklet for
Yxy(68.5108, 0.3451, 0.3310)
contains.

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Color

Yxy(68.8076, 0.3451, 0.3312)

Conversions

Conversions Part 1

Format	Color
Hex	F7CFCD
RGB	247, 207, 205
RGB Percent	97%, 81%, 80%
CMY	0.0313, 0.1882, 0.1961
CMYK	0.00, 0.16, 0.17, 0.03
HSL	3°, 73%, 89%
HSV	3°, 17%, 97%
XYZ	71.6954, 68.8076, 67.2495
YIQ	218.7320, 24.4820, 7.8580

Conversions

Conversions Part 2

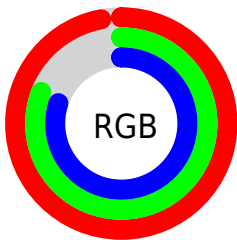
Format	Color
R _Y B	247, 207, 205
Decimal	16240589
CIE Lab	86.41, 13.73, 6.24
CIE LCh	86, 15.086, 24.450
Yxy	68.8076, 0.3451, 0.3312
Android (android.graphics.Color)	4294430669 (0xFFFF7CFCD)
YUV	218.7320, -6.7699, 24.7910
Hunter-Lab	82.9503, 9.1174, 9.9977

Details

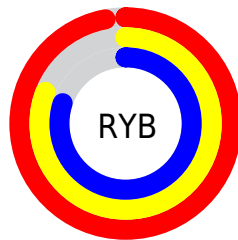
The Yxy color **68.8076, 0.3451, 0.3312** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **85.0075, 0.2869, 0.3268**, and the grayscale version is **70.6809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.9640, 0.3526, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **57.1503, 0.3705, 0.3326**, and if you desaturate by 10%, it is **82.3569, 0.3246, 0.3299**.

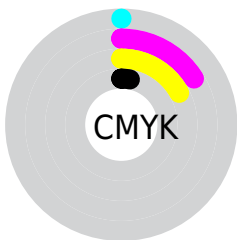
Distribution



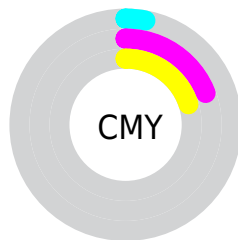
- Red (97%)
- Green (81%)
- Blue (80%)



- Red (97%)
- Yellow (81%)
- Blue (80%)



- Cyan (0%)
- Magenta (16%)
- Yellow (17%)
- Black (3%)





- Cyan (3%)
- Magenta (19%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8076, 0.3451, 0.3312 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 68.8076, 0.3451, 0.3312 by changing the saturation by 10% instead.


 68.8076, 0.3451,
0.3312

 68.8076, 0.3451,
0.3312


456.3521, 0.3299,
0.3304

 50.5550, 0.3486,
0.3313


117.5067, 0.3398,
0.3309

 35.8546, 0.3531,
0.3315


148.7221, 0.3377,
0.3308

 24.3219, 0.3587,
0.3317


185.0272, 0.3359,
0.3307

 15.5726, 0.3662,
0.3318

226.8063, 0.3344,
0.3306

 9.2222, 0.3766,
0.3319

274.4440, 0.3330,
0.3306

 4.8864, 0.3919,
0.3318

328.3246, 0.3319,

 2.1808, 0.4166,

0.3305

388.8325, 0.3308,
0.3304

0.3309

0.7095, 0.4941,
0.3433

0.0000, 0.0000,
0.0000

68.8076, 0.3451,
0.3312

68.8076, 0.3451,
0.3312

57.1503, 0.3705,
0.3326

82.3569, 0.3246,
0.3299

47.2922, 0.4019,
0.3340

97.8674, 0.3082,
0.3286

39.1464, 0.4396,
0.3353

98.5191, 0.3078,
0.3290

32.6153, 0.4833,
0.3362

■ 27.5915, 0.5303,
0.3366

■ 23.9544, 0.5756,
0.3360

■ 21.5652, 0.6120,
0.3344

■ 20.2555, 0.6336,
0.3322

■ 20.0379, 0.6376,
0.3319

Harmonies

Analogous

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



68.8076, 0.3318, 0.3158



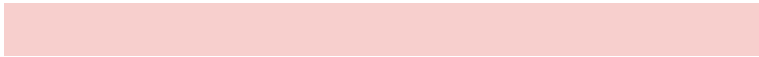
68.8076, 0.3451, 0.3312



68.8076, 0.3494, 0.3466

Triad

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



68.8076, 0.3451, 0.3312



68.8076, 0.3110, 0.3561



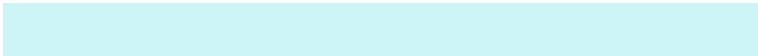
68.8076, 0.2824, 0.3001

Complementary

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



68.8076, 0.3451, 0.3312



85.0075, 0.2869, 0.3268

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.



68.8076, 0.2773, 0.3099



68.8076, 0.3451, 0.3312



68.8076, 0.2935, 0.3426

Square

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



68.8076, 0.3451, 0.3312



68.8076, 0.3294, 0.3617



68.8076, 0.2813, 0.3254



68.8076, 0.2955, 0.2981

Rectangle

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



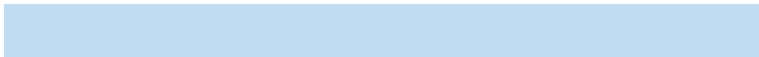
68.8076, 0.3451, 0.3312



68.8076, 0.3466, 0.3548



68.8076, 0.2813, 0.3254



68.8076, 0.2798, 0.3026

Sweetspot

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



68.8107, 0.3451, 0.3312



91.7035, 0.3210, 0.3296



70.0653, 0.3157, 0.2881



19.3880, 0.3223, 0.3297



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

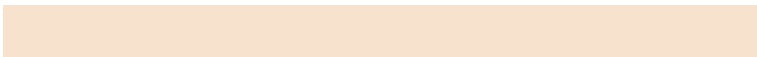
The Same Dimension uses a secret algorithm to generate beautiful new colors.



68.8107, 0.3451, 0.3312



69.9753, 0.3522, 0.3316



79.3474, 0.3416, 0.3522



16.6097, 0.3293, 0.3302



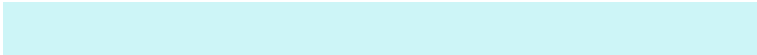
10.6514, 0.6366, 0.3327



0.9801, 0.6281, 0.3395

Inverse Universe

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



85.0075, 0.2869, 0.3268



90.0292, 0.2825, 0.3264



73.3309, 0.2858, 0.3047



18.6138, 0.2981, 0.3278



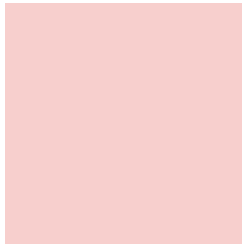
35.0896, 0.2206, 0.3140



3.1252, 0.2211, 0.3160

Previews

White Background



This preview shows how the Yxy color 68.8076, 0.3451, 0.3312 looks on a white background.

Color Contrast Check

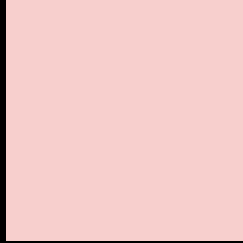
Large Text (above 18pt) WCAG AA × Fail

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 68.8076, 0.3451, 0.3312 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

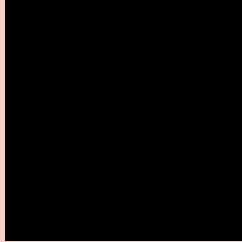
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.8076, 0.3451, 0.3312

Background



This preview shows how black text looks on a background with the Yxy color 68.8076, 0.3451, 0.3312.

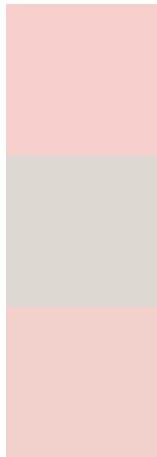


This preview shows how white text looks on a background with the Yxy color 68.8076, 0.3451, 0.3312.

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

68.8076, 0.3451, 0.3312

Protanopia

69.2945, 0.3212, 0.3356

Deuteranopia

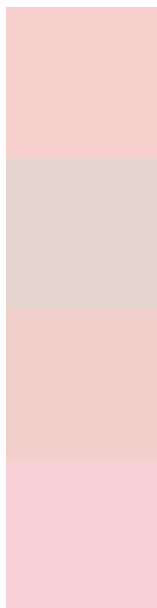
68.8860, 0.3408, 0.3333



Tritanopia

69.0228, 0.3349, 0.3126

Trichromacy



Original Color

68.8076, 0.3451, 0.3312

Protanomaly

69.1315, 0.3296, 0.3345

Deuteranomaly

68.7526, 0.3426, 0.3323

Tritanomaly

69.0054, 0.3385, 0.3197

Monochromacy



Original Color

68.8076, 0.3451, 0.3312

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.1139, 0.3237, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8076, 0.3451, 0.3312 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(247, 207, 205)` looks like.

```
.text, #text, p{  
    color:rgb(247, 207, 205)  
}
```

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(247, 207, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 207, 205) }
```

Border

The CSS property to change the border of an element to Yxy 68.8076, 0.3451, 0.3312 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(247, 207, 205) }
```

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

```
.border{ border-color:rgb(247, 207, 205) }
```

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

Here you see how a box with a 4 pixel rgb(247, 207, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 207, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 207, 205);  
box-shadow:4px 4px 4px 4px rgb(247, 207,  
205) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8076, 0.3451, 0.3312 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 207, 205) }
```

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

```
.background{ background-color: rgb(247,  
207, 205) }
```

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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