

Converting Colors

Yxy(67.7404, 0.3473, 0.3181)

Have a look what the booklet for
Yxy(67.7404, 0.3473, 0.3181)
contains.

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Color

Yxy(67.7868, 0.3470, 0.3178)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9D4
RGB	255, 201, 212
RGB Percent	100%, 79%, 83%
CMY	0.0000, 0.2118, 0.1685
CMYK	0.00, 0.21, 0.17, 0.00
HSL	348°, 100%, 89%
HSV	348°, 21%, 100%
XYZ	74.0152, 67.7868, 71.4982
YIQ	218.4000, 28.6530, 14.8690

Conversions

Conversions Part 2

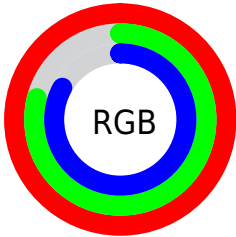
Format	Color
R _Y B	255, 201, 212
Decimal	16763348
CIE Lab	85.90, 20.78, 1.85
CIE LCh	86, 20.866, 5.093
Yxy	67.7868, 0.3470, 0.3178
Android (android.graphics.Color)	4294953428 (0xFFFFC9D4)
YUV	218.4000, -3.1552, 32.0982
Hunter-Lab	82.3327, 16.3849, 6.1451

Details

The Yxy color **67.7868, 0.3470, 0.3178** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.4667, 0.2867, 0.3406**, and the grayscale version is **70.4117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.3075, 0.3563, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **55.9103, 0.3694, 0.3122**, and if you desaturate by 10%, it is **81.7704, 0.3289, 0.3233**.

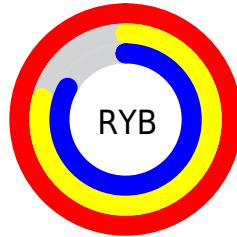
Distribution



Red (100%)

Green (79%)

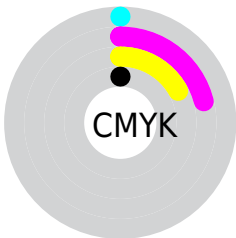
Blue (83%)



Red (100%)

Yellow (79%)

Blue (83%)

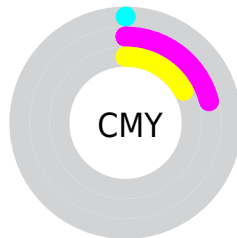


Cyan (0%)

Magenta (21%)

Yellow (17%)

Black (0%)



Cyan (0%)


Magenta (21%)


Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.7868, 0.3470, 0.3178 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 67.7868, 0.3470, 0.3178 by changing the saturation by 10% instead.

 67.7868, 0.3470,
0.3178

 67.7868, 0.3470,
0.3178


452.7403, 0.3309,
0.3231

 49.7243, 0.3507,
0.3165

116.0471, 0.3414,
0.3197

 35.1944, 0.3554,
0.3150


147.0137, 0.3392,
0.3204

 23.8127, 0.3614,
0.3129


183.0504, 0.3373,
0.3210

 15.1947, 0.3693,
0.3102

224.5417, 0.3357,
0.3216

 8.9561, 0.3802,
0.3064

271.8720, 0.3343,
0.3220

 4.7126, 0.3963,
0.3007

325.4255, 0.3330,

 2.0796, 0.4224,

0.3224

0.2913

385.5868, 0.3319,
0.3228

0.6531, 0.4848,
0.2725

0.0000, 1.0000,
0.0000

67.7868, 0.3470,
0.3178

67.7868, 0.3470,
0.3178

55.9103, 0.3694,
0.3122

81.7704, 0.3289,
0.3233

46.0313, 0.3967,
0.3067

97.9486, 0.3142,
0.3284

38.0416, 0.4295,
0.3019

100.0000, 0.3127,
0.3290

31.8199, 0.4672,
0.2986

■ 27.2304, 0.5084,
0.2977

■ 24.1178, 0.5496,
0.3002

■ 22.2959, 0.5858,
0.3063

■ 21.5093, 0.6104,
0.3136

Harmonies

Analogous

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



67.7868, 0.3230, 0.2995



67.7868, 0.3470, 0.3178



67.7868, 0.3617, 0.3394

Triad

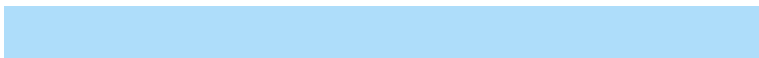
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.7868, 0.3470, 0.3178



67.7868, 0.3269, 0.3737



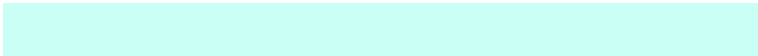
67.7868, 0.2651, 0.2963

Complementary

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



67.7868, 0.3470, 0.3178



90.4667, 0.2867, 0.3406

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.



67.7868, 0.2661, 0.3153



67.7868, 0.3470, 0.3178



67.7868, 0.3011, 0.3615

Square

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



67.7868, 0.3470, 0.3178



67.7868, 0.3496, 0.3725



67.7868, 0.2790, 0.3395



67.7868, 0.2762, 0.2869

Rectangle

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



67.7868, 0.3470, 0.3178



67.7868, 0.3639, 0.3533



67.7868, 0.2790, 0.3395



67.7868, 0.2640, 0.3017

Sweetspot

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



67.7893, 0.3470, 0.3178



89.8644, 0.3209, 0.3260



68.1018, 0.3066, 0.2748



19.0090, 0.3219, 0.3256



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

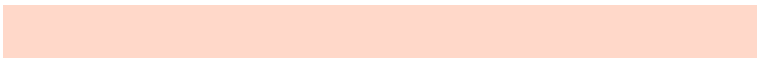
The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.7893, 0.3470, 0.3178



63.0041, 0.3550, 0.3157



74.7430, 0.3524, 0.3447



18.0478, 0.3262, 0.3242



11.2560, 0.6068, 0.3116



1.1108, 0.5768, 0.2951

Inverse Universe

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



67.7893, 0.3470, 0.3178



63.0041, 0.3550, 0.3157



81.7814, 0.2799, 0.3127



18.0478, 0.3262, 0.3242



11.2560, 0.6068, 0.3116



1.1108, 0.5768, 0.2951

Previews

White Background



This preview shows how the Yxy color 67.7868, 0.3470, 0.3178 looks on a white background.

Color Contrast Check

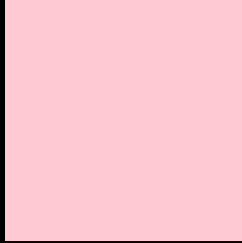
Large Text (above 18pt) WCAG AA × Fail

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 67.7868, 0.3470, 0.3178 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

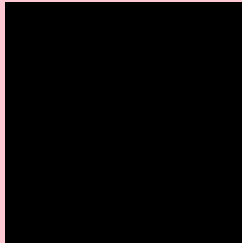
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.7868, 0.3470, 0.3178

Background



This preview shows how black text looks on a background with the Yxy color 67.7868, 0.3470, 0.3178.

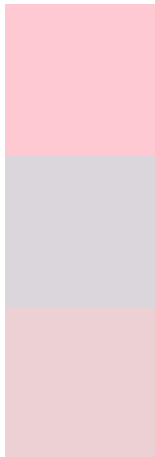


This preview shows how white text looks on a background with the Yxy color 67.7868, 0.3470, 0.3178.

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

67.7868, 0.3470, 0.3178

Protanopia

68.1659, 0.3116, 0.3224

Deuteranopia

67.8194, 0.3327, 0.3259



Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

67.7868, 0.3470, 0.3178

Protanomaly

67.5996, 0.3236, 0.3204

Deuteranomaly

67.5989, 0.3385, 0.3228

Tritanomaly

67.9396, 0.3447, 0.3148

Monochromacy



Original Color

67.7868, 0.3470, 0.3178

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.0338, 0.3241, 0.3247

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.7868, 0.3470, 0.3178 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, 201, 212)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 212)  
}
```

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, 201, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 212) }
```

Border

The CSS property to change the border of an element to Yxy 67.7868, 0.3470, 0.3178 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, 201, 212) }
```

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

```
.border{ border-color:rgb(255, 201, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 201, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 212);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 67.7868, 0.3470, 0.3178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 201, 212) }
```

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

```
.background{ background-color: rgb(255,  
201, 212) }
```

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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