

Converting Colors

$Y_{xy}(67.8192, 0.3465, 0.3172)$

Have a look what the booklet for
Yxy(67.8192, 0.3465, 0.3172)
contains.

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Color

Yxy(67.8374, 0.3463, 0.3168)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9D5
RGB	255, 201, 213
RGB Percent	100%, 79%, 84%
CMY	0.0000, 0.2118, 0.1647
CMYK	0.00, 0.21, 0.16, 0.00
HSL	347°, 100%, 89%
HSV	347°, 21%, 100%
XYZ	74.1543, 67.8374, 72.1415
YIQ	218.5140, 28.3320, 15.1800

Conversions

Conversions Part 2

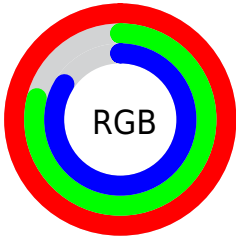
Format	Color
R_{YB}	255, 201, 213
Decimal	16763349
CIE _{Lab}	85.93, 20.96, 1.38
CIE _{LCh}	86, 21.008, 3.756
Y _{xy}	67.8374, 0.3463, 0.3168
Android (android.graphics.Color)	4294953429 (0xFFFFC9D5)
Y _{UV}	218.5140, -2.7184, 31.9982
Hunter-Lab	82.3635, 16.5729, 5.7228

Details

The Yxy color $67.8374, 0.3463, 0.3168$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $90.4041, 0.2872, 0.3416$, and the grayscale version is $70.4802, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.3418, 0.3552, 0.3147$ is the 20% darker color. If you saturate the color by 10%, you get $55.9659, 0.3681, 0.3107$, and if you desaturate by 10%, it is $81.7879, 0.3285, 0.3228$.

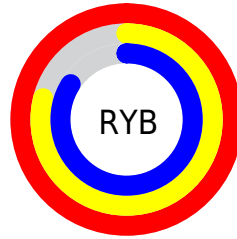
Distribution



Red (100%)

Green (79%)

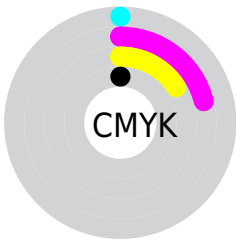
Blue (84%)



Red (100%)

Yellow (79%)

Blue (84%)

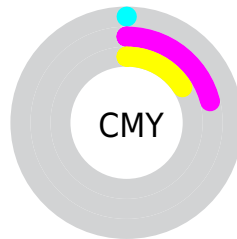


Cyan (0%)

Magenta (21%)

Yellow (16%)

Black (0%)



Cyan (0%)

Magenta (21%)


Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.8374, 0.3463, 0.3168 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 67.8374, 0.3463, 0.3168 by changing the saturation by 10% instead.


 67.8374, 0.3463,
0.3168

 67.8374, 0.3463,
0.3168


452.9197, 0.3305,
0.3226

 49.7655, 0.3500,
0.3154


116.1195, 0.3408,
0.3188

 35.2271, 0.3545,
0.3137


147.0985, 0.3386,
0.3196

 23.8378, 0.3604,
0.3116


183.1485, 0.3368,
0.3203

 15.2134, 0.3681,
0.3087

224.6541, 0.3352,
0.3209

 8.9693, 0.3788,
0.3046

271.9997, 0.3338,
0.3214

 4.7211, 0.3945,
0.2986

325.5695, 0.3326,

 2.0846, 0.4199,

0.3218

0.2887

385.7481, 0.3315,
0.3222

0.6559, 0.4789,
0.2683

0.0000, 1.0000,
0.0000

67.8374, 0.3463,
0.3168

67.8374, 0.3463,
0.3168

55.9659, 0.3681,
0.3107

81.7879, 0.3285,
0.3228

46.0978, 0.3947,
0.3047

97.9383, 0.3142,
0.3284

38.1139, 0.4266,
0.2994

100.0000, 0.3127,
0.3290

31.8935, 0.4634,
0.2957

■ 27.3011, 0.5037,
0.2946

■ 24.1819, 0.5442,
0.2969

■ 22.3502, 0.5804,
0.3032

■ 21.5532, 0.6055,
0.3109

Harmonies

Analogous

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



67.8374, 0.3219, 0.2986



67.8374, 0.3463, 0.3168



67.8374, 0.3616, 0.3385

Triad

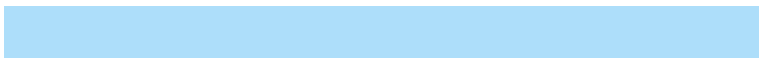
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8374, 0.3463, 0.3168



67.8374, 0.3281, 0.3742



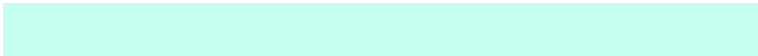
67.8374, 0.2646, 0.2968

Complementary

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



67.8374, 0.3463, 0.3168



90.4041, 0.2872, 0.3416

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.



67.8374, 0.2661, 0.3162



67.8374, 0.3463, 0.3168



67.8374, 0.3021, 0.3625

Square

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



67.8374, 0.3463, 0.3168



67.8374, 0.3506, 0.3724



67.8374, 0.2796, 0.3407



67.8374, 0.2752, 0.2868

Rectangle

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



67.8374, 0.3463, 0.3168



67.8374, 0.3643, 0.3525



67.8374, 0.2796, 0.3407



67.8374, 0.2637, 0.3024

Sweetspot

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



67.8288, 0.3462, 0.3168



89.8812, 0.3207, 0.3257



67.9315, 0.3060, 0.2746



19.0130, 0.3217, 0.3253



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.



67.8288, 0.3462, 0.3168



63.0601, 0.3541, 0.3145



74.2737, 0.3526, 0.3438



18.0533, 0.3259, 0.3237



11.2802, 0.6017, 0.3089



1.1139, 0.5711, 0.2920

Inverse Universe

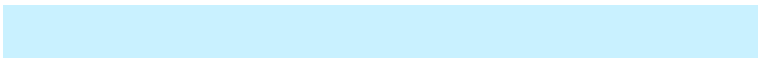
The Inverse Universe completely reimagines the original color for something new.



67.8288, 0.3462, 0.3168



63.0601, 0.3541, 0.3145



82.3058, 0.2800, 0.3137



18.0533, 0.3259, 0.3237



11.2802, 0.6017, 0.3089



1.1139, 0.5711, 0.2920

Previews

White Background



This preview shows how the Yxy color 67.8374, 0.3463, 0.3168 looks on a white background.

Color Contrast Check

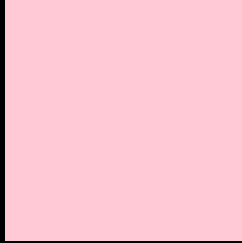
Large Text (above 18pt) WCAG AA × Fail

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 67.8374, 0.3463, 0.3168 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 67.8374, 0.3463, 0.3168

Background



This preview shows how black text looks on a background with the Yxy color 67.8374, 0.3463, 0.3168.

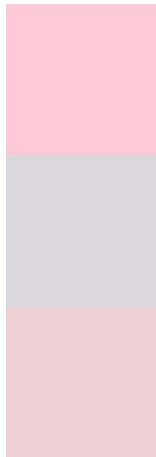


This preview shows how white text looks on a background with the Yxy color 67.8374, 0.3463, 0.3168.

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

67.8374, 0.3463, 0.3168

Protanopia

68.0653, 0.3102, 0.3213

Deuteranopia

67.8697, 0.3319, 0.3248



Tritanopia

67.9912, 0.3439, 0.3138

Trichromacy



Original Color

67.8374, 0.3463, 0.3168

Protanomaly

67.6518, 0.3229, 0.3193

Deuteranomaly

67.6492, 0.3378, 0.3217

Tritanomaly

67.9396, 0.3447, 0.3148

Monochromacy



Original Color

67.8374, 0.3463, 0.3168

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.2525, 0.3241, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8374, 0.3463, 0.3168 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, 213)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 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(255, 201, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 213) }
```

Border

The CSS property to change the border of an element to Yxy 67.8374, 0.3463, 0.3168 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, 213) }
```

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

```
.border{ border-color:rgb(255, 201, 213) }
```

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, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 213);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
213) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8374, 0.3463, 0.3168 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, 213) }
```

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

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