

Converting Colors

$Y_{xy}(73.7199, 0.3622, 0.3074)$

Have a look what the booklet for
Yxy(73.7199, 0.3622, 0.3074)
contains.

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Color

Yxy(67.4346, 0.3388, 0.3047)

Conversions

Conversions Part 1

Format	Color
Hex	FFC7DF
RGB	255, 199, 223
RGB Percent	100%, 78%, 87%
CMY	0.0001, 0.2196, 0.1254
CMYK	0.00, 0.22, 0.13, 0.00
HSL	334°, 100%, 89%
HSV	334°, 22%, 100%
XYZ	74.9814, 67.4346, 78.8987
YIQ	218.4800, 25.6720, 19.3360

Conversions

Conversions Part 2

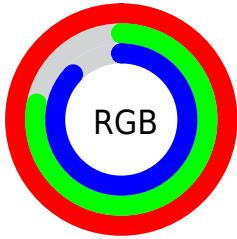
Format	Color
R_{YB}	255, 199, 223
Decimal	16762847
CIE _{Lab}	85.72, 23.54, -4.25
CIE _{LCh}	86, 23.920, 349.755
Yxy	67.4346, 0.3388, 0.3047
Android (android.graphics.Color)	4294952927 (0xFFFFC7DF)
YUV	218.4800, 2.2284, 32.0280
Hunter-Lab	82.1186, 19.2786, 0.5178

Details

The Yxy color **67.4346, 0.3388, 0.3047** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.4203, 0.2925, 0.3547**, and the grayscale version is **70.4329, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.0837, 0.3453, 0.2992** is the 20% darker color. If you saturate the color by 10%, you get **55.9181, 0.3548, 0.2930**, and if you desaturate by 10%, it is **80.9905, 0.3255, 0.3161**.

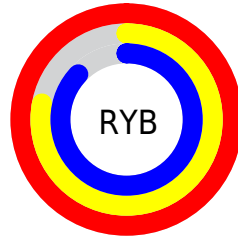
Distribution



Red (100%)

Green (78%)

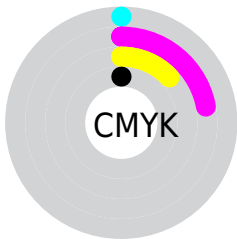
Blue (87%)



Red (100%)

Yellow (78%)

Blue (87%)

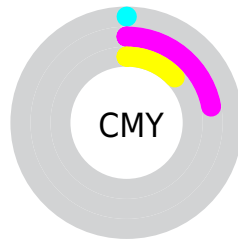


Cyan (0%)

Magenta (22%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (22%)


Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.4346, 0.3388, 0.3047 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 67.4346, 0.3388, 0.3047 by changing the saturation by 10% instead.

 67.4346, 0.3388,
0.3047

 67.4346, 0.3388,
0.3047

451.4902, 0.3267,
0.3159

 49.4379, 0.3416,
0.3021

115.5429, 0.3346,
0.3086

 34.9670, 0.3451,
0.2990


146.4233, 0.3329,
0.3101

 23.6374, 0.3495,
0.2950


182.3671, 0.3315,
0.3114

 15.0649, 0.3552,
0.2898

223.7586, 0.3303,
0.3125

 8.8649, 0.3632,
0.2828

270.9823, 0.3292,
0.3135

 4.6532, 0.3747,
0.2726


324.4225, 0.3283,


 2.0453, 0.3931,


0.3144


0.2568


384.4637, 0.3274,
0.3152


 0.6336, 0.4301,
0.2228


 0.0000, 1.0000,
0.0000


 67.4346, 0.3388,
0.3047

 67.4346, 0.3388,
0.3047

 55.9181, 0.3548,
0.2930


 80.9905, 0.3255,
0.3161

 46.3323, 0.3740,
0.2815

 96.6693, 0.3146,
0.3270

 38.5723, 0.3965,
0.2710

99.9969, 0.3127,
0.3290

 32.5191, 0.4222,
0.2626

■ 28.0399, 0.4505,
0.2575

■ 24.9816, 0.4800,
0.2571

■ 23.1600, 0.5088,
0.2621

■ 22.3705, 0.5305,
0.2696

Harmonies

Analogous

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



67.4346, 0.3090, 0.2876



67.4346, 0.3388, 0.3047



67.4346, 0.3622, 0.3279

Triad

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



67.4346, 0.3388, 0.3047



67.4346, 0.3431, 0.3817



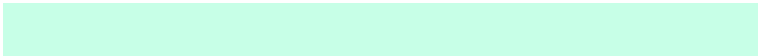
67.4346, 0.2571, 0.3013

Complementary

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



67.4346, 0.3388, 0.3047



89.4203, 0.2925, 0.3547

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.



67.4346, 0.2654, 0.3270



67.4346, 0.3388, 0.3047



67.4346, 0.3143, 0.3756

Square

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



67.4346, 0.3388, 0.3047



67.4346, 0.3644, 0.3724



67.4346, 0.2859, 0.3550



67.4346, 0.2629, 0.2848

Rectangle

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



67.4346, 0.3388, 0.3047



67.4346, 0.3703, 0.3444



67.4346, 0.2859, 0.3550



67.4346, 0.2584, 0.3091

Sweetspot

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



67.4376, 0.3388, 0.3047



88.4963, 0.3198, 0.3216



65.0139, 0.2976, 0.2712



18.7403, 0.3205, 0.3209



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.



67.4376, 0.3388, 0.3047



62.5441, 0.3449, 0.3000



67.9706, 0.3568, 0.3330



18.1165, 0.3226, 0.3188



11.7193, 0.5264, 0.2673



1.1624, 0.4974, 0.2514

Inverse Universe

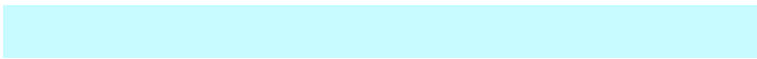
The Inverse Universe completely reimagines the original color for something new.



67.4376, 0.3388, 0.3047



62.5441, 0.3449, 0.3000



88.5143, 0.2797, 0.3250



18.1165, 0.3226, 0.3188



11.7193, 0.5264, 0.2673



1.1624, 0.4974, 0.2514

Previews

White Background



This preview shows how the Yxy color 67.4346, 0.3388, 0.3047 looks on a white background.

Color Contrast Check

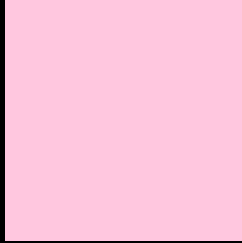
Large Text (above 18pt) WCAG AA × Fail

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 67.4346, 0.3388, 0.3047 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

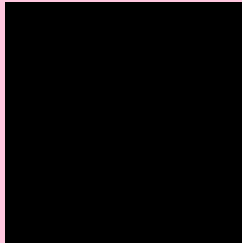
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 67.4346, 0.3388, 0.3047

Background



This preview shows how black text looks on a background with the Yxy color 67.4346, 0.3388, 0.3047.



This preview shows how white text looks on a background with the Yxy color 67.4346, 0.3388, 0.3047.

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

67.4346, 0.3388, 0.3047

Protanopia

67.5608, 0.3001, 0.3081

Deuteranopia

67.4880, 0.3216, 0.3151



Tritanopia

67.3373, 0.3433, 0.3127

Trichromacy



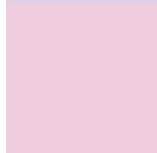
Original Color

67.4346, 0.3388, 0.3047



Protanomaly

67.2629, 0.3130, 0.3065



Deuteranomaly

67.4618, 0.3273, 0.3112



Tritanomaly

67.4939, 0.3410, 0.3097

Monochromacy



Original Color

67.4346, 0.3388, 0.3047



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

68.7448, 0.3213, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4346, 0.3388, 0.3047 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, 199, 223)` looks like.

```
.text, #text, p{  
    color:rgb(255, 199, 223)  
}
```

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, 199, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 199, 223) }
```

Border

The CSS property to change the border of an element to Yxy 67.4346, 0.3388, 0.3047 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, 199, 223) }
```

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

```
.border{ border-color:rgb(255, 199, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 199, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 199, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 199, 223);  
box-shadow:4px 4px 4px 4px rgb(255, 199,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4346, 0.3388, 0.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 199, 223) }
```

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

```
.background{ background-color: rgb(255,  
199, 223) }
```

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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