

Converting Colors

$Y_{xy}(68.0153, 0.3402, 0.3083)$

Have a look what the booklet for
Yxy(68.0153, 0.3402, 0.3083)
contains.

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Color

Yxy(68.2537, 0.3401, 0.3088)

Conversions

Conversions Part 1

Format	Color
Hex	FFC9DD
RGB	255, 201, 221
RGB Percent	100%, 79%, 87%
CMY	0.0000, 0.2117, 0.1334
CMYK	0.00, 0.21, 0.13, 0.00
HSL	338°, 100%, 89%
HSV	338°, 21%, 100%
XYZ	75.1719, 68.2537, 77.6032
YIQ	219.4260, 25.7640, 17.6680

Conversions

Conversions Part 2

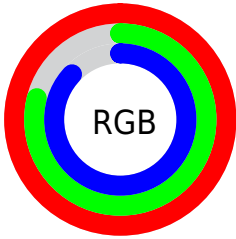
Format	Color
R_{YB}	255, 201, 221
Decimal	16763357
CIE _{Lab}	86.13, 22.16, -2.56
CIE _{LCh}	86, 22.309, 353.415
Yxy	68.2537, 0.3401, 0.3088
Android (android.graphics.Color)	4294953437 (0xFFFFC9DD)
YUV	219.4260, 0.7760, 31.1984
Hunter-Lab	82.6158, 17.8390, 2.1384

Details

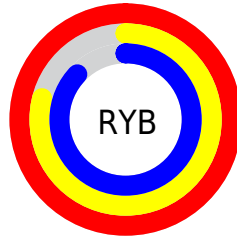
The Yxy color **68.2537, 0.3401, 0.3088** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **89.9314, 0.2914, 0.3502**, and the grayscale version is **71.1314, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **35.6264, 0.3469, 0.3044** is the 20% darker color. If you saturate the color by 10%, you get **56.5221, 0.3576, 0.2987**, and if you desaturate by 10%, it is **82.0467, 0.3257, 0.3186**.

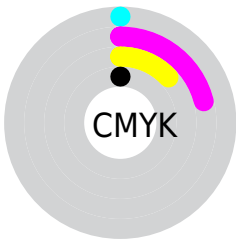
Distribution



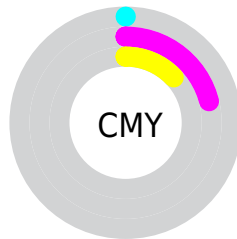
- Red (100%)
- Green (79%)
- Blue (87%)



- Red (100%)
- Yellow (79%)
- Blue (87%)



- Cyan (0%)
- Magenta (21%)
- Yellow (13%)
- Black (0%)





- Cyan (0%)
- Magenta (21%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.2537, 0.3401, 0.3088 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 68.2537, 0.3401, 0.3088 by changing the saturation by 10% instead.


 68.2537, 0.3401,
0.3088

 68.2537, 0.3401,
0.3088


454.3944, 0.3273,
0.3182

 50.1042, 0.3430,
0.3067

116.7150, 0.3356,
0.3120

 35.4962, 0.3467,
0.3040

147.7956, 0.3339,
0.3133

 24.0453, 0.3513,
0.3007


183.9552, 0.3324,
0.3144

 15.3672, 0.3575,
0.2963

225.5784, 0.3312,
0.3153

 9.0775, 0.3659,
0.2903

273.0496, 0.3300,
0.3162

 4.7918, 0.3781,
0.2816

326.7530, 0.3290,

 2.1256, 0.3977,

0.3169

0.2681

387.0731, 0.3281,
0.3176

0.6790, 0.4362,
0.2397

0.0000, 1.0000,
0.0000

68.2537, 0.3401,
0.3088

68.2537, 0.3401,
0.3088

56.5221, 0.3576,
0.2987

82.0467, 0.3257,
0.3186

46.7430, 0.3787,
0.2887

97.9847, 0.3139,
0.3280

38.8116, 0.4037,
0.2796

99.9978, 0.3127,
0.3290

32.6094, 0.4324,
0.2724

■ 28.0040, 0.4641,
0.2684

■ 24.8433, 0.4972,
0.2687

■ 22.9454, 0.5293,
0.2743

■ 22.0717, 0.5548,
0.2830

Harmonies

Analogous

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



68.2537, 0.3127, 0.2919



68.2537, 0.3401, 0.3088



68.2537, 0.3605, 0.3309

Triad

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



68.2537, 0.3401, 0.3088



68.2537, 0.3380, 0.3780



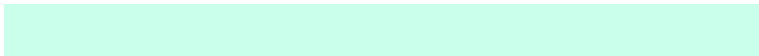
68.2537, 0.2609, 0.3009

Complementary

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



68.2537, 0.3401, 0.3088



89.9314, 0.2914, 0.3502

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.



68.2537, 0.2670, 0.3241



68.2537, 0.3401, 0.3088



68.2537, 0.3108, 0.3704

Square

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



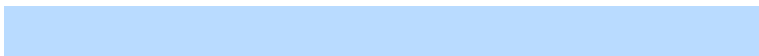
68.2537, 0.3401, 0.3088



68.2537, 0.3589, 0.3711



68.2537, 0.2850, 0.3501



68.2537, 0.2678, 0.2867

Rectangle

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



68.2537, 0.3401, 0.3088



68.2537, 0.3668, 0.3463



68.2537, 0.2850, 0.3501



68.2537, 0.2615, 0.3079

Sweetspot

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



68.2568, 0.3401, 0.3088



90.0182, 0.3193, 0.3235



66.5418, 0.3001, 0.2737



19.0453, 0.3201, 0.3229



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.



68.2568, 0.3401, 0.3088



63.5284, 0.3464, 0.3049



70.2518, 0.3543, 0.3356



18.0982, 0.3236, 0.3202



11.5605, 0.5505, 0.2806



1.1458, 0.5195, 0.2635

Inverse Universe

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



68.2568, 0.3401, 0.3088



63.5284, 0.3464, 0.3049



87.1993, 0.2806, 0.3223



18.0982, 0.3236, 0.3202



11.5605, 0.5505, 0.2806



1.1458, 0.5195, 0.2635

Previews

White Background



This preview shows how the Yxy color 68.2537, 0.3401, 0.3088 looks on a white background.

Color Contrast Check

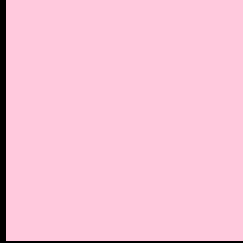
Large Text (above 18pt) WCAG AA × Fail

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 68.2537, 0.3401, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

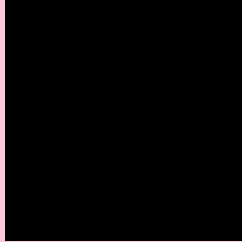
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.2537, 0.3401, 0.3088

Background



This preview shows how black text looks on a background with the Yxy color 68.2537, 0.3401, 0.3088.



This preview shows how white text looks on a background with the Yxy color 68.2537, 0.3401, 0.3088.

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

68.2537, 0.3401, 0.3088

Protanopia

68.3492, 0.3041, 0.3126

Deuteranopia

68.3776, 0.3252, 0.3184



Tritanopia

68.5108, 0.3430, 0.3138

Trichromacy



Original Color

68.2537, 0.3401, 0.3088

Protanomaly

67.9149, 0.3165, 0.3108

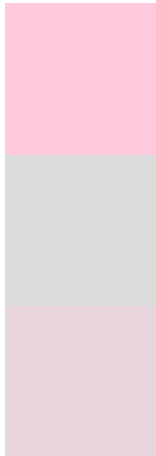
Deuteranomaly

68.1872, 0.3302, 0.3144

Tritanomaly

68.5630, 0.3422, 0.3128

Monochromacy



Original Color

68.2537, 0.3401, 0.3088

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

69.4101, 0.3220, 0.3205

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2537, 0.3401, 0.3088 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, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 201, 221)  
}
```

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, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 201, 221) }
```

Border

The CSS property to change the border of an element to Yxy 68.2537, 0.3401, 0.3088 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, 221) }
```

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

```
.border{ border-color:rgb(255, 201, 221) }
```

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, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 201, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 201, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 201,  
221) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2537, 0.3401, 0.3088 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, 221) }
```

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

```
.background{ background-color: rgb(255,  
201, 221) }
```

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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