

Converting Colors

$Y_{xy}(73.4433, 0.3503, 0.3065)$

Have a look what the booklet for
Yxy(73.4433, 0.3503, 0.3065)
contains.

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Color

Yxy(69.5179, 0.3353, 0.3048)

Conversions

Conversions Part 1

Format	Color
Hex	FFCBE3
RGB	255, 203, 227
RGB Percent	100%, 80%, 89%
CMY	0.0000, 0.2040, 0.1097
CMYK	0.00, 0.20, 0.11, 0.00
HSL	332°, 100%, 90%
HSV	332°, 20%, 100%
XYZ	76.4743, 69.5179, 82.0849
YIQ	221.2840, 23.2880, 18.4880

Conversions

Conversions Part 2

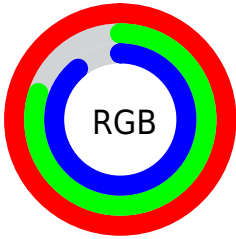
Format	Color
R _Y B	255, 203, 227
Decimal	16763875
CIE Lab	86.76, 22.12, -4.85
CIE LCh	87, 22.641, 347.623
Yxy	69.5179, 0.3353, 0.3048
Android (android.graphics.Color)	4294953955 (0xFFFFCBE3)
YUV	221.2840, 2.8180, 29.5689
Hunter-Lab	83.3774, 17.8108, -0.0068

Details

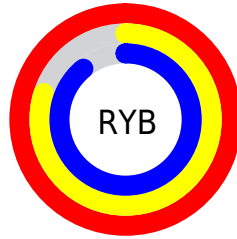
The Yxy color $69.5179, 0.3353, 0.3048$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $89.9817, 0.2948, 0.3546$, and the grayscale version is $72.4805, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $36.4792, 0.3404, 0.2994$ is the 20% darker color. If you saturate the color by 10%, you get $57.7180, 0.3499, 0.2923$, and if you desaturate by 10%, it is $83.3514, 0.3231, 0.3170$.

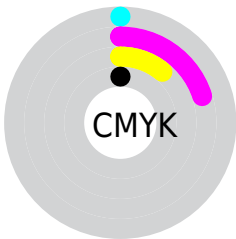
Distribution



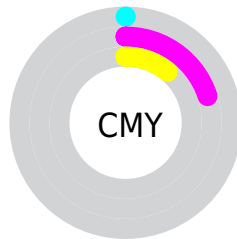
- Red (100%)
- Green (80%)
- Blue (89%)



- Red (100%)
- Yellow (80%)
- Blue (89%)



- Cyan (0%)
- Magenta (20%)
- Yellow (11%)
- Black (0%)





- Cyan (0%)
- Magenta (20%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.5179, 0.3353, 0.3048 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 69.5179, 0.3353, 0.3048 by changing the saturation by 10% instead.


 69.5179, 0.3353,
0.3048

 69.5179, 0.3353,
0.3048

458.8554, 0.3249,
0.3159

 51.1336, 0.3377,
0.3023

118.5210, 0.3317,
0.3086

 36.3149, 0.3406,
0.2992


149.9086, 0.3303,
0.3101

 24.6775, 0.3444,
0.2953

186.3994, 0.3291,
0.3114

 15.8370, 0.3492,
0.2903

228.3778, 0.3280,
0.3125

 9.4089, 0.3559,
0.2834

276.2282, 0.3271,
0.3135

 5.0088, 0.3655,
0.2737


330.3350, 0.3263,


 2.2524, 0.3805,


0.3144


0.2587


391.0826, 0.3255,
0.3152


 0.7484, 0.4082,
0.2312

 0.0000, 1.0000,
0.0000

 69.5179, 0.3353,
0.3048


 69.5179, 0.3353,
0.3048

 57.7180, 0.3499,
0.2923


 83.3514, 0.3231,
0.3170

 47.8647, 0.3674,
0.2798

99.3211, 0.3131,
0.3286

 39.8479, 0.3879,
0.2683

100.0000, 0.3127,
0.3290

 33.5510, 0.4114,
0.2587

■ 28.8439, 0.4373,
0.2523

■ 25.5775, 0.4646,
0.2503

■ 23.5739, 0.4917,
0.2538

■ 22.5655, 0.5164,
0.2618

Harmonies

Analogous

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



69.5179, 0.3072, 0.2892



69.5179, 0.3353, 0.3048



69.5179, 0.3578, 0.3264

Triad

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



69.5179, 0.3353, 0.3048



69.5179, 0.3430, 0.3781



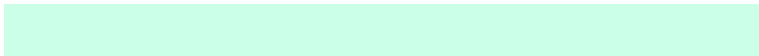
69.5179, 0.2606, 0.3046

Complementary

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



69.5179, 0.3353, 0.3048



89.9817, 0.2948, 0.3546

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.



69.5179, 0.2693, 0.3291



69.5179, 0.3353, 0.3048



69.5179, 0.3162, 0.3734

Square

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



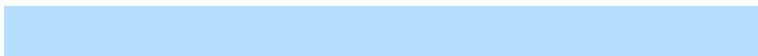
69.5179, 0.3353, 0.3048



69.5179, 0.3621, 0.3687



69.5179, 0.2894, 0.3550



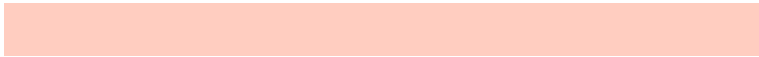
69.5179, 0.2651, 0.2883

Rectangle

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



69.5179, 0.3353, 0.3048



69.5179, 0.3662, 0.3420



69.5179, 0.2894, 0.3550



69.5179, 0.2621, 0.3121

Sweetspot

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



69.5142, 0.3353, 0.3048



90.1051, 0.3185, 0.3222



66.8699, 0.2976, 0.2754



19.0658, 0.3191, 0.3214



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.



69.5142, 0.3353, 0.3048



65.0336, 0.3402, 0.3003



69.1009, 0.3533, 0.3309



18.1268, 0.3221, 0.3181



11.8204, 0.5124, 0.2596



1.1727, 0.4850, 0.2445

Inverse Universe

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



69.5142, 0.3353, 0.3048



65.0336, 0.3402, 0.3003



90.3336, 0.2820, 0.3271



18.1268, 0.3221, 0.3181



11.8204, 0.5124, 0.2596



1.1727, 0.4850, 0.2445

Previews

White Background



This preview shows how the Yxy color 69.5179, 0.3353, 0.3048 looks on a white background.

Color Contrast Check

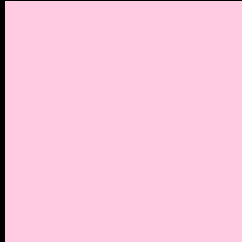
Large Text (above 18pt) WCAG AA × Fail

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 69.5179, 0.3353, 0.3048 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

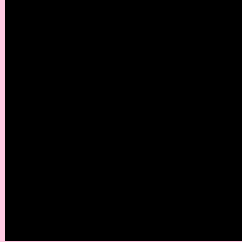
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.5179, 0.3353, 0.3048

Background



This preview shows how black text looks on a background with the Yxy color 69.5179, 0.3353, 0.3048.



This preview shows how white text looks on a background with the Yxy color 69.5179, 0.3353, 0.3048.

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

69.5179, 0.3353, 0.3048

Protanopia

69.7088, 0.3002, 0.3084

Deuteranopia

69.7417, 0.3201, 0.3132



Tritanopia

69.4239, 0.3397, 0.3128

Trichromacy



Original Color

69.5179, 0.3353, 0.3048

Protanomaly

69.2377, 0.3123, 0.3067

Deuteranomaly

69.4800, 0.3256, 0.3103

Tritanomaly

69.5843, 0.3374, 0.3098

Monochromacy



Original Color

69.5179, 0.3353, 0.3048

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

70.7445, 0.3205, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.5179, 0.3353, 0.3048 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, 203, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 203, 227)  
}
```

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, 203, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 203, 227) }
```

Border

The CSS property to change the border of an element to Yxy 69.5179, 0.3353, 0.3048 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, 203, 227) }
```

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

```
.border{ border-color:rgb(255, 203, 227) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 203, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 203, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 203, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 203,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 69.5179, 0.3353, 0.3048 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 203, 227) }
```

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

```
.background{ background-color: rgb(255,  
203, 227) }
```

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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