

Converting Colors

$Y_{xy}(70.1878, 0.3375, 0.3098)$

Have a look what the booklet for
Yxy(70.1878, 0.3375, 0.3098)
contains.

Yxy(70.3045, 0.3373, 0.3099)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(70.3045, 0.3373, 0.3099)

Conversions

Conversions Part 1

Format	Color
Hex	FFCDE0
RGB	255, 205, 224
RGB Percent	100%, 80%, 88%
CMY	0.0000, 0.1960, 0.1217
CMYK	0.00, 0.20, 0.12, 0.00
HSL	337°, 100%, 90%
HSV	337°, 20%, 100%
XYZ	76.5205, 70.3045, 80.0369
YIQ	222.1160, 23.7010, 16.5090

Conversions

Conversions Part 2

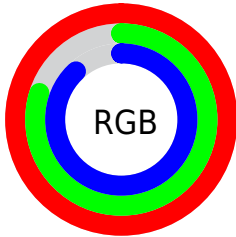
Format	Color
R_{YB}	255, 205, 224
Decimal	16764384
CIE Lab	87.15, 20.54, -2.66
CIE LCh	87, 20.716, 352.621
Yxy	70.3045, 0.3373, 0.3099
Android (android.graphics.Color)	4294954464 (0xFFFFCDE0)
YUV	222.1160, 0.9288, 28.8393
Hunter-Lab	83.8478, 16.1677, 2.0982

Details

The Yxy color **70.3045, 0.3373, 0.3099** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.5547, 0.2932, 0.3490**, and the grayscale version is **73.1146, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.0036, 0.3431, 0.3058** is the 20% darker color. If you saturate the color by 10%, you get **58.2662, 0.3540, 0.2995**, and if you desaturate by 10%, it is **84.4170, 0.3236, 0.3199**.

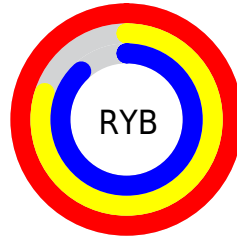
Distribution



Red (100%)

Green (80%)

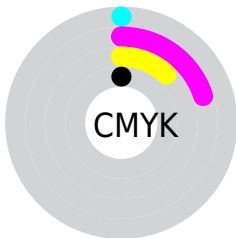
Blue (88%)



Red (100%)

Yellow (80%)

Blue (88%)

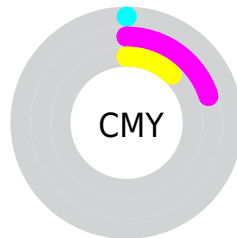


Cyan (0%)

Magenta (20%)

Yellow (12%)

Black (0%)



Cyan (0%)


Magenta (20%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3045, 0.3373, 0.3099 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 70.3045, 0.3373, 0.3099 by changing the saturation by 10% instead.

 70.3045, 0.3373,
0.3099

 70.3045, 0.3373,
0.3099


461.6184, 0.3259,
0.3187

 51.7748, 0.3399,
0.3079


119.6429, 0.3333,
0.3129

 36.8256, 0.3431,
0.3054


151.2204, 0.3318,
0.3141

 25.0725, 0.3472,
0.3023


187.9159, 0.3305,
0.3152

 16.1311, 0.3526,
0.2982

230.1140, 0.3293,
0.3160

 9.6170, 0.3600,
0.2927

278.1988, 0.3283,
0.3168

 5.1457, 0.3707,
0.2848

332.5549, 0.3274,

 2.3330, 0.3875,

0.3175

0.2725

393.5667, 0.3266,
0.3181

0.7911, 0.4184,
0.2499

0.0000, 1.0000,
0.0000

70.3045, 0.3373,
0.3099

70.3045, 0.3373,
0.3099

58.2662, 0.3540,
0.2995

84.4170, 0.3236,
0.3199

48.1944, 0.3742,
0.2893

99.9987, 0.3127,
0.3290

39.9857, 0.3981,
0.2797

33.5236, 0.4258,
0.2719

■ 28.6783, 0.4566,
0.2671

■ 25.3015, 0.4890,
0.2665

■ 23.2170, 0.5209,
0.2711

■ 22.1506, 0.5500,
0.2805

■ 22.1167, 0.5511,
0.2809

Harmonies

Analogous

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



70.3045, 0.3121, 0.2944



70.3045, 0.3373, 0.3099



70.3045, 0.3562, 0.3303

Triad

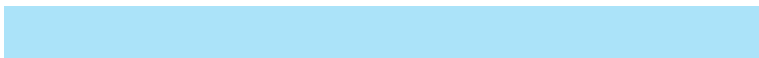
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3045, 0.3373, 0.3099



70.3045, 0.3366, 0.3739



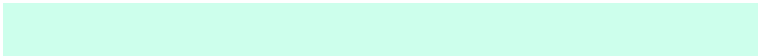
70.3045, 0.2649, 0.3038

Complementary

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



70.3045, 0.3373, 0.3099



90.5547, 0.2932, 0.3490

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.



70.3045, 0.2709, 0.3252



70.3045, 0.3373, 0.3099



70.3045, 0.3118, 0.3673

Square

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



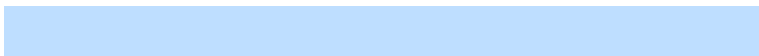
70.3045, 0.3373, 0.3099



70.3045, 0.3556, 0.3675



70.3045, 0.2878, 0.3490



70.3045, 0.2710, 0.2903

Rectangle

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



70.3045, 0.3373, 0.3099



70.3045, 0.3623, 0.3445



70.3045, 0.2878, 0.3490



70.3045, 0.2656, 0.3102

Sweetspot

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



70.3077, 0.3373, 0.3099



90.0271, 0.3192, 0.3234



68.6927, 0.3012, 0.2781



19.0474, 0.3200, 0.3228



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

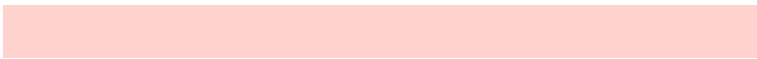
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3077, 0.3373, 0.3099



64.7651, 0.3443, 0.3054



72.1780, 0.3506, 0.3351



18.1011, 0.3234, 0.3200



11.5838, 0.5468, 0.2786



1.1483, 0.5160, 0.2616

Inverse Universe

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



70.3077, 0.3373, 0.3099



64.7651, 0.3443, 0.3054



88.0521, 0.2829, 0.3228



18.1011, 0.3234, 0.3200



11.5838, 0.5468, 0.2786



1.1483, 0.5160, 0.2616

Previews

White Background



This preview shows how the Yxy color 70.3045, 0.3373, 0.3099 looks on a white background.

Color Contrast Check

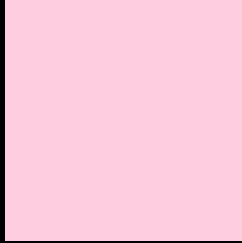
Large Text (above 18pt) WCAG AA × Fail

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 70.3045, 0.3373, 0.3099 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

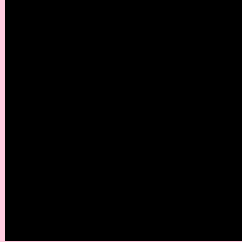
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.3045, 0.3373, 0.3099

Background



This preview shows how black text looks on a background with the Yxy color 70.3045, 0.3373, 0.3099.

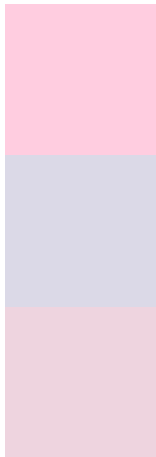


This preview shows how white text looks on a background with the Yxy color 70.3045, 0.3373, 0.3099.

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

70.3045, 0.3373, 0.3099

Protanopia

70.4553, 0.3049, 0.3138

Deuteranopia

70.5918, 0.3244, 0.3175



Tritanopia

70.1431, 0.3395, 0.3129

Trichromacy



Original Color

70.3045, 0.3373, 0.3099

Protanomaly

70.3457, 0.3164, 0.3131

Deuteranomaly

70.1617, 0.3292, 0.3145

Tritanomaly

70.1966, 0.3388, 0.3119

Monochromacy



Original Color

70.3045, 0.3373, 0.3099

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.9319, 0.3211, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3045, 0.3373, 0.3099 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, 205, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 205, 224)  
}
```

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, 205, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 205, 224) }
```

Border

The CSS property to change the border of an element to Yxy 70.3045, 0.3373, 0.3099 is called "border". The border property can be set on classes, ids or directly on the HTML element.

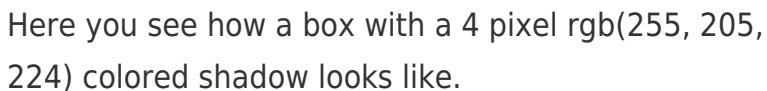
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 205, 224) }
```

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

```
.border{ border-color:rgb(255, 205, 224) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 205, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 205, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 205, 224); box-shadow:4px 4px 4px 4px rgb(255, 205, 224) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3045, 0.3373, 0.3099 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 205, 224) }
```

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

```
.background{ background-color: rgb(255,  
205, 224) }
```

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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