

Converting Colors

$Yxy(71.2799, 0.3339, 0.3072)$

Have a look what the booklet for
Yxy(71.2799, 0.3339, 0.3072)
contains.

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Color

Yxy(71.4871, 0.3341, 0.3079)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFE4
RGB	255, 207, 228
RGB Percent	100%, 81%, 89%
CMY	0.0000, 0.1883, 0.1058
CMYK	0.00, 0.19, 0.11, 0.00
HSL	334°, 100%, 91%
HSV	334°, 19%, 100%
XYZ	77.5701, 71.4871, 83.1191
YIQ	223.7460, 21.8670, 16.7070

Conversions

Conversions Part 2

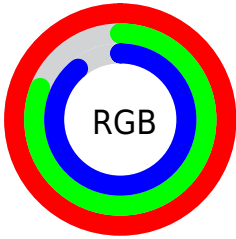
Format	Color
R _{YB}	255, 207, 228
Decimal	16764900
CIE Lab	87.72, 20.18, -3.96
CIE LCh	88, 20.567, 348.908
Yxy	71.4871, 0.3341, 0.3079
Android (android.graphics.Color)	4294954980 (0xFFFFCFE4)
YUV	223.7460, 2.0972, 27.4098
Hunter-Lab	84.5500, 15.8016, 0.8984

Details

The Yxy color **71.4871, 0.3341, 0.3079** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.7224, 0.2955, 0.3511**, and the grayscale version is **74.3182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4794, 0.3389, 0.3020** is the 20% darker color. If you saturate the color by 10%, you get **59.3451, 0.3490, 0.2960**, and if you desaturate by 10%, it is **85.6795, 0.3218, 0.3194**.

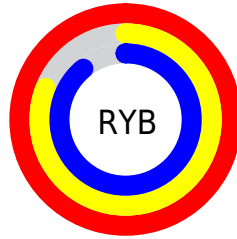
Distribution



Red (100%)

Green (81%)

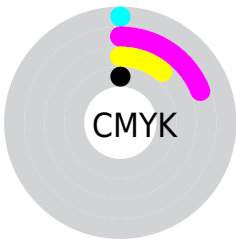
Blue (89%)



Red (100%)

Yellow (81%)

Blue (89%)

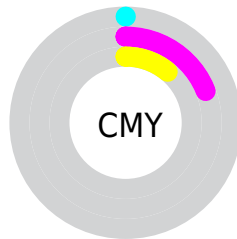


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4871, 0.3341, 0.3079 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 71.4871, 0.3341, 0.3079 by changing the saturation by 10% instead.


 71.4871, 0.3341,
0.3079

 71.4871, 0.3341,
0.3079

465.7544, 0.3242,
0.3176

 52.7398, 0.3363,
0.3057


121.3270, 0.3307,
0.3112

 37.5951, 0.3391,
0.3030


153.1885, 0.3294,
0.3125

 25.6686, 0.3426,
0.2997


190.1901, 0.3282,
0.3137

 16.5759, 0.3472,
0.2953

232.7162, 0.3272,
0.3146

 9.9326, 0.3534,
0.2894

281.1514, 0.3263,
0.3155

 5.3543, 0.3624,
0.2810

335.8798, 0.3256,

 2.4566, 0.3763,

0.3163

0.2681

397.2860, 0.3249,
0.3169

■ 0.8548, 0.4011,
0.2457

■ 0.0000, 0.9924,
0.0000

■ 71.4871, 0.3341,
0.3079

■ 71.4871, 0.3341,
0.3079

■ 59.3451, 0.3490,
0.2960

■ 85.6795, 0.3218,
0.3194

■ 49.1725, 0.3668,
0.2842

100.0000, 0.3127,
0.3290

■ 40.8588, 0.3879,
0.2730

■ 34.2889, 0.4122,
0.2636

■ 29.3349, 0.4392,
0.2572

■ 25.8509, 0.4680,
0.2550

■ 23.6643, 0.4967,
0.2581

■ 22.5253, 0.5237,
0.2664

■ 22.4228, 0.5268,
0.2675

Harmonies

Analogous

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



71.4871, 0.3089, 0.2935



71.4871, 0.3341, 0.3079



71.4871, 0.3539, 0.3277

Triad

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



71.4871, 0.3341, 0.3079



71.4871, 0.3391, 0.3732



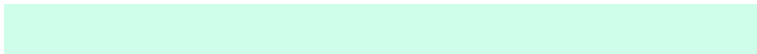
71.4871, 0.2656, 0.3064

Complementary

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



71.4871, 0.3341, 0.3079



90.7224, 0.2955, 0.3511

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.



71.4871, 0.2730, 0.3282



71.4871, 0.3341, 0.3079



71.4871, 0.3149, 0.3683

Square

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



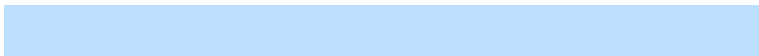
71.4871, 0.3341, 0.3079



71.4871, 0.3567, 0.3655



71.4871, 0.2908, 0.3514



71.4871, 0.2701, 0.2919

Rectangle

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



71.4871, 0.3341, 0.3079



71.4871, 0.3610, 0.3418



71.4871, 0.2908, 0.3514



71.4871, 0.2667, 0.3131

Sweetspot

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



71.4817, 0.3341, 0.3079



90.0822, 0.3187, 0.3225



69.2294, 0.2995, 0.2798



19.0604, 0.3194, 0.3218



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.



71.4817, 0.3341, 0.3079



66.1739, 0.3399, 0.3030



71.5558, 0.3494, 0.3316



18.1192, 0.3225, 0.3186



11.7452, 0.5227, 0.2653



1.1651, 0.4941, 0.2495

Inverse Universe

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



71.4817, 0.3341, 0.3079



66.1739, 0.3399, 0.3030



90.4814, 0.2842, 0.3264



18.1192, 0.3225, 0.3186



11.7452, 0.5227, 0.2653



1.1651, 0.4941, 0.2495

Previews

White Background



This preview shows how the Yxy color 71.4871, 0.3341, 0.3079 looks on a white background.

Color Contrast Check

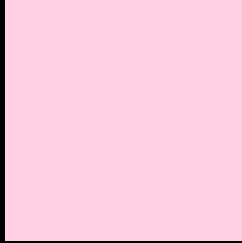
Large Text (above 18pt) WCAG AA × Fail

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 71.4871, 0.3341, 0.3079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

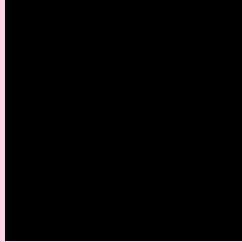
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4871, 0.3341, 0.3079

Background



This preview shows how black text looks on a background with the Yxy color 71.4871, 0.3341, 0.3079.



This preview shows how white text looks on a background with the Yxy color 71.4871, 0.3341, 0.3079.

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

71.4871, 0.3341, 0.3079

Protanopia

71.8768, 0.3030, 0.3118

Deuteranopia

71.3117, 0.3215, 0.3144



Tritanopia

71.5644, 0.3361, 0.3129

Trichromacy



Original Color

71.4871, 0.3341, 0.3079

Protanomaly

71.7507, 0.3143, 0.3112

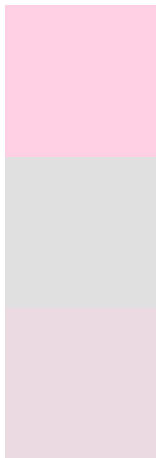
Deuteranomaly

71.3677, 0.3261, 0.3125

Tritanomaly

71.6188, 0.3354, 0.3119

Monochromacy



Original Color

71.4871, 0.3341, 0.3079

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

73.2412, 0.3203, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4871, 0.3341, 0.3079 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, 207, 228)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 228)  
}
```

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, 207, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 228) }
```

Border

The CSS property to change the border of an element to Yxy 71.4871, 0.3341, 0.3079 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, 207, 228) }
```

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

```
.border{ border-color:rgb(255, 207, 228) }
```

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

Here you see how a box with a 4 pixel rgb(255, 207, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 228);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
228) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 71.4871, 0.3341, 0.3079$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 207, 228) }
```

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

```
.background{ background-color: rgb(255,  
207, 228) }
```

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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