

Converting Colors

$Y_{xy}(87.8296, 0.3894, 0.3130)$

Have a look what the booklet for
Yxy(87.8296, 0.3894, 0.3130)
contains.

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Color

Yxy(71.4317, 0.3348, 0.3089)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFE3
RGB	255, 207, 227
RGB Percent	100%, 81%, 89%
CMY	0.0000, 0.1882, 0.1097
CMYK	0.00, 0.19, 0.11, 0.00
HSL	335°, 100%, 91%
HSV	335°, 19%, 100%
XYZ	77.4210, 71.4317, 82.3927
YIQ	223.6320, 22.1880, 16.3960

Conversions

Conversions Part 2

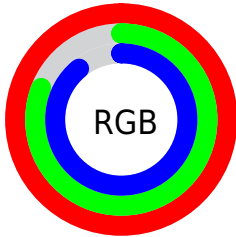
Format	Color
R _Y B	255, 207, 227
Decimal	16764899
CIE Lab	87.69, 20.00, -3.47
CIE LCh	88, 20.297, 350.159
Yxy	71.4317, 0.3348, 0.3089
Android (android.graphics.Color)	4294954979 (0xFFFFCFE3)
YUV	223.6320, 1.6604, 27.5097
Hunter-Lab	84.5173, 15.6074, 1.3625

Details

The Yxy color **71.4317, 0.3348, 0.3089** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **90.7830, 0.2949, 0.3500**, and the grayscale version is **74.2428, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.4408, 0.3399, 0.3033** is the 20% darker color. If you saturate the color by 10%, you get **59.2737, 0.3503, 0.2976**, and if you desaturate by 10%, it is **85.6604, 0.3220, 0.3199**.

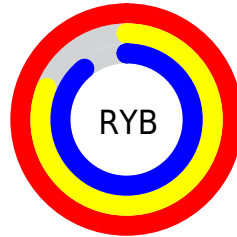
Distribution



Red (100%)

Green (81%)

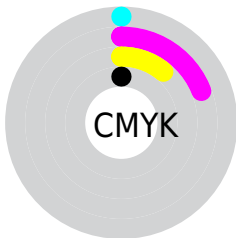
Blue (89%)



Red (100%)

Yellow (81%)

Blue (89%)

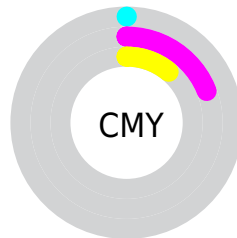


Cyan (0%)

Magenta (19%)

Yellow (11%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4317, 0.3348, 0.3089 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 71.4317, 0.3348, 0.3089 by changing the saturation by 10% instead.


 71.4317, 0.3348,
0.3089

 71.4317, 0.3348,
0.3089


465.5611, 0.3246,
0.3181

 52.6946, 0.3371,
0.3068


121.2482, 0.3313,
0.3121

 37.5590, 0.3400,
0.3043


153.0964, 0.3299,
0.3133

 25.6406, 0.3436,
0.3010

190.0837, 0.3287,
0.3144

 16.5550, 0.3484,
0.2968

232.5945, 0.3277,
0.3153

 9.9177, 0.3548,
0.2912

281.0133, 0.3268,
0.3161

 5.3444, 0.3642,
0.2831

335.7244, 0.3260,

 2.4507, 0.3788,

0.3169

0.2706

397.1122, 0.3253,
0.3175

■ 0.8518, 0.4048,
0.2489

■ 0.0000, 1.0000,
0.0000

■ 71.4317, 0.3348,
0.3089

■ 71.4317, 0.3348,
0.3089

■ 59.2737, 0.3503,
0.2976

■ 85.6604, 0.3220,
0.3199

■ 49.0822, 0.3688,
0.2863

100.0000, 0.3127,
0.3290

■ 40.7541, 0.3908,
0.2757

■ 34.1743, 0.4162,
0.2668

■ 29.2144, 0.4445,
0.2608

■ 25.7284, 0.4746,
0.2590

■ 23.5435, 0.5045,
0.2626

■ 22.4098, 0.5324,
0.2713

■ 22.3077, 0.5356,
0.2724

Harmonies

Analogous

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



71.4317, 0.3101, 0.2943



71.4317, 0.3348, 0.3089



71.4317, 0.3540, 0.3286

Triad

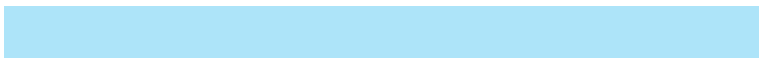
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.4317, 0.3348, 0.3089



71.4317, 0.3379, 0.3727



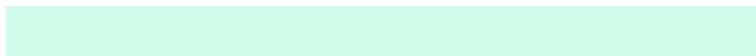
71.4317, 0.2661, 0.3059

Complementary

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



71.4317, 0.3348, 0.3089



90.7830, 0.2949, 0.3500

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.



71.4317, 0.2729, 0.3273



71.4317, 0.3348, 0.3089



71.4317, 0.3138, 0.3673

Square

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



71.4317, 0.3348, 0.3089



71.4317, 0.3556, 0.3656



71.4317, 0.2902, 0.3502



71.4317, 0.2711, 0.2920

Rectangle

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



71.4317, 0.3348, 0.3089



71.4317, 0.3606, 0.3425



71.4317, 0.2902, 0.3502



71.4317, 0.2671, 0.3124

Sweetspot

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



71.4339, 0.3348, 0.3089



90.0624, 0.3189, 0.3228



69.3733, 0.3001, 0.2799



19.0557, 0.3196, 0.3222



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

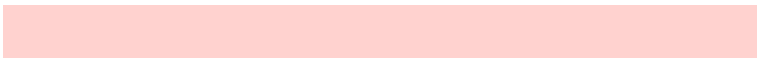
The Same Dimension uses a secret algorithm to generate beautiful new colors.



71.4339, 0.3348, 0.3089



66.1082, 0.3409, 0.3042



71.9583, 0.3492, 0.3324



18.1127, 0.3228, 0.3191



11.6844, 0.5314, 0.2701



1.1589, 0.5019, 0.2539

Inverse Universe

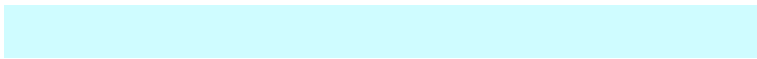
The Inverse Universe completely reimagines the original color for something new.



71.4339, 0.3348, 0.3089



66.1082, 0.3409, 0.3042



89.9811, 0.2842, 0.3256



18.1127, 0.3228, 0.3191



11.6844, 0.5314, 0.2701



1.1589, 0.5019, 0.2539

Previews

White Background



This preview shows how the Yxy color 71.4317, 0.3348, 0.3089 looks on a white background.

Color Contrast Check

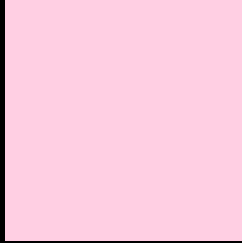
Large Text (above 18pt) WCAG AA × Fail

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 71.4317, 0.3348, 0.3089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

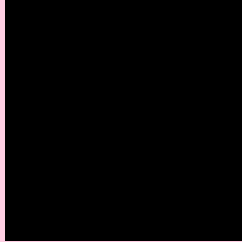
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.4317, 0.3348, 0.3089

Background



This preview shows how black text looks on a background with the Yxy color 71.4317, 0.3348, 0.3089.

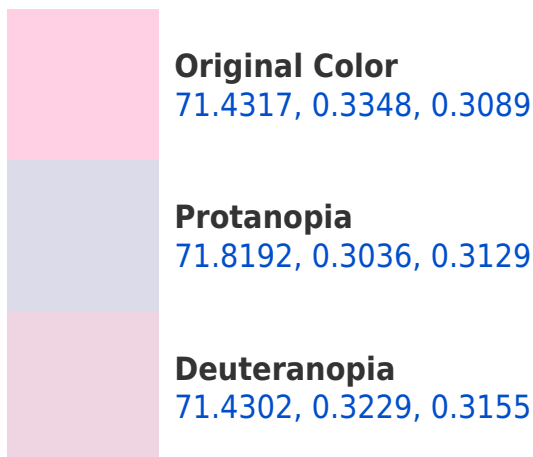


This preview shows how white text looks on a background with the Yxy color 71.4317, 0.3348, 0.3089.

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





Tritanopia

71.7536, 0.3369, 0.3129

Trichromacy



Original Color

71.4317, 0.3348, 0.3089

Protanomaly

71.6940, 0.3150, 0.3122

Deuteranomaly

71.4920, 0.3276, 0.3136

Tritanomaly

71.8080, 0.3362, 0.3119

Monochromacy



Original Color

71.4317, 0.3348, 0.3089

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 71.4317, 0.3348, 0.3089 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, 227)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 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, 207, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 227) }
```

Border

The CSS property to change the border of an element to Yxy 71.4317, 0.3348, 0.3089 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, 227) }
```

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

```
.border{ border-color:rgb(255, 207, 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, 207, 227)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 227);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
227) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4317, 0.3348, 0.3089 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, 227) }
```

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

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