

Converting Colors

Yxy(74.4436, 0.3601, 0.3209)

Have a look what the booklet for
Yxy(74.4436, 0.3601, 0.3209)
contains.

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Color

Yxy(70.3089, 0.3439, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	FFCED7
RGB	255, 206, 215
RGB Percent	100%, 81%, 84%
CMY	0.0000, 0.1922, 0.1568
CMYK	0.00, 0.19, 0.16, 0.00
HSL	349°, 100%, 90%
HSV	349°, 19%, 100%
XYZ	75.5837, 70.3089, 73.8914
YIQ	221.6770, 26.3150, 13.1870

Conversions

Conversions Part 2

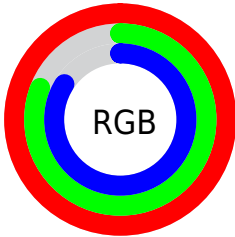
Format	Color
R _Y B	255, 206, 215
Decimal	16764631
CIE Lab	87.15, 18.63, 2.09
CIE LCh	87, 18.746, 6.391
Yxy	70.3089, 0.3439, 0.3199
Android (android.graphics.Color)	4294954711 (0xFFFFCED7)
YUV	221.6770, -3.2918, 29.2243
Hunter-Lab	83.8504, 14.1637, 6.4472

Details

The Yxy color $70.3089, 0.3439, 0.3199$ is a light color, and the websafe version is hex `FFCCCC`. A complement of this color would be $91.2937, 0.2885, 0.3383$, and the grayscale version is $72.8167, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $37.0003, 0.3519, 0.3187$ is the 20% darker color. If you saturate the color by 10%, you get $58.0086, 0.3660, 0.3148$, and if you desaturate by 10%, it is $84.7366, 0.3261, 0.3248$.

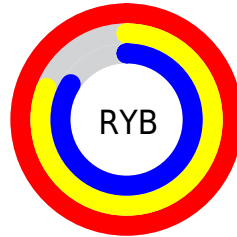
Distribution



Red (100%)

Green (81%)

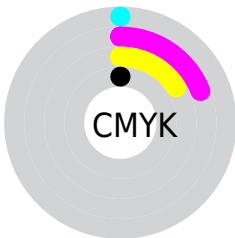
Blue (84%)



Red (100%)

Yellow (81%)

Blue (84%)

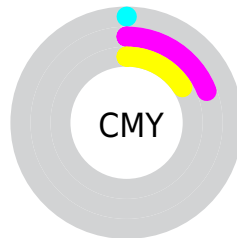


Cyan (0%)

Magenta (19%)

Yellow (16%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 70.3089, 0.3439, 0.3199 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 70.3089, 0.3439, 0.3199 by changing the saturation by 10% instead.


 70.3089, 0.3439,
0.3199

 70.3089, 0.3439,
0.3199

461.6339, 0.3293,
0.3242

 51.7784, 0.3473,
0.3189


119.6492, 0.3388,
0.3214

 36.8285, 0.3514,
0.3176


151.2277, 0.3368,
0.3220

 25.0747, 0.3568,
0.3160


187.9244, 0.3352,
0.3225

 16.1327, 0.3638,
0.3138

230.1237, 0.3337,
0.3230

 9.6181, 0.3735,
0.3108

278.2098, 0.3324,
0.3233

 5.1465, 0.3876,
0.3062

332.5673, 0.3313,

 2.3335, 0.4102,

0.3237

0.2988

393.5805, 0.3302,
0.3240

0.7913, 0.4558,
0.2857

0.0000, 1.0000,
0.0000

70.3089, 0.3439,
0.3199

70.3089, 0.3439,
0.3199

58.0086, 0.3660,
0.3148

84.7366, 0.3261,
0.3248

47.7350, 0.3930,
0.3099

100.0000, 0.3127,
0.3290

39.3790, 0.4256,
0.3054

32.8208, 0.4635,
0.3022

■ 27.9275, 0.5053,
0.3011

■ 24.5476, 0.5475,
0.3029

■ 22.5015, 0.5852,
0.3082

■ 21.5217, 0.6135,
0.3158

■ 21.4649, 0.6154,
0.3164

Harmonies

Analogous

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



70.3089, 0.3229, 0.3033



70.3089, 0.3439, 0.3199



70.3089, 0.3564, 0.3393

Triad

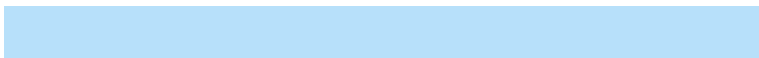
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



70.3089, 0.3439, 0.3199



70.3089, 0.3244, 0.3683



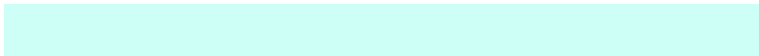
70.3089, 0.2705, 0.2995

Complementary

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



70.3089, 0.3439, 0.3199



91.2937, 0.2885, 0.3383

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.



70.3089, 0.2709, 0.3161



70.3089, 0.3439, 0.3199



70.3089, 0.3015, 0.3570

Square

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



70.3089, 0.3439, 0.3199



70.3089, 0.3447, 0.3679



70.3089, 0.2821, 0.3374



70.3089, 0.2809, 0.2914

Rectangle

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



70.3089, 0.3439, 0.3199



70.3089, 0.3580, 0.3515



70.3089, 0.2821, 0.3374



70.3089, 0.2694, 0.3042

Sweetspot

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



70.3088, 0.3439, 0.3199



89.8457, 0.3211, 0.3263



70.8097, 0.3079, 0.2801



19.0046, 0.3221, 0.3260



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

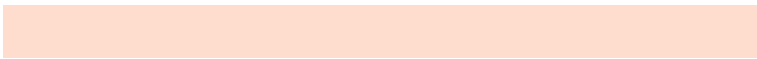
The Same Dimension uses a secret algorithm to generate beautiful new colors.



70.3088, 0.3439, 0.3199



65.4104, 0.3517, 0.3180



77.2697, 0.3480, 0.3440



18.0417, 0.3265, 0.3246



11.2315, 0.6120, 0.3145



1.1075, 0.5830, 0.2985

Inverse Universe

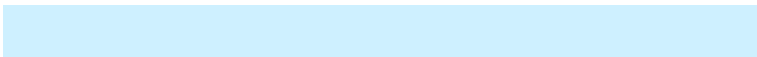
The Inverse Universe completely reimagines the original color for something new.



70.3088, 0.3439, 0.3199



65.4104, 0.3517, 0.3180



82.8379, 0.2829, 0.3135



18.0417, 0.3265, 0.3246



11.2315, 0.6120, 0.3145



1.1075, 0.5830, 0.2985

Previews

White Background



This preview shows how the Yxy color 70.3089, 0.3439, 0.3199 looks on a white background.

Color Contrast Check

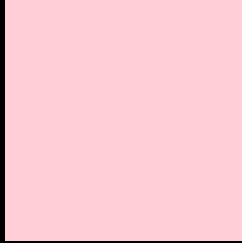
Large Text (above 18pt) WCAG AA × Fail

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 70.3089, 0.3439, 0.3199 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 70.3089, 0.3439, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 70.3089, 0.3439, 0.3199.



This preview shows how white text looks on a background with the Yxy color 70.3089, 0.3439, 0.3199.

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

70.3089, 0.3439, 0.3199

Protanopia

70.2718, 0.3123, 0.3236

Deuteranopia

70.1443, 0.3332, 0.3259



Tritanopia

70.1431, 0.3395, 0.3129

Trichromacy



Original Color

70.3089, 0.3439, 0.3199

Protanomaly

70.0266, 0.3234, 0.3226

Deuteranomaly

70.0488, 0.3373, 0.3239

Tritanomaly

70.0371, 0.3410, 0.3149

Monochromacy



Original Color

70.3089, 0.3439, 0.3199

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

71.7186, 0.3238, 0.3259

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.3089, 0.3439, 0.3199 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, 206, 215)` looks like.

```
.text, #text, p{  
    color:rgb(255, 206, 215)  
}
```

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, 206, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 206, 215) }
```

Border

The CSS property to change the border of an element to Yxy 70.3089, 0.3439, 0.3199 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, 206, 215) }
```

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

```
.border{ border-color:rgb(255, 206, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 206, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 206, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 206, 215);  
box-shadow:4px 4px 4px 4px rgb(255, 206,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 70.3089, 0.3439, 0.3199 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 206, 215) }
```

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

```
.background{ background-color: rgb(255,  
206, 215) }
```

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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