

Converting Colors

$Y_{xy}(70.3439, 0.3618, 0.3430)$

Have a look what the booklet for
Yxy(70.3439, 0.3618, 0.3430)
contains.

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Color

Yxy(69.7807, 0.3598, 0.3425)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFC2
RGB	255, 207, 194
RGB Percent	100%, 81%, 76%
CMY	0.0000, 0.1883, 0.2392
CMYK	0.00, 0.19, 0.24, 0.00
HSL	13°, 100%, 88%
HSV	13°, 24%, 100%
XYZ	73.3054, 69.7807, 60.6532
YIQ	219.8700, 32.7810, 6.1330

Conversions

Conversions Part 2

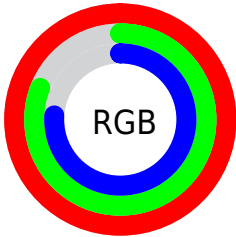
Format	Color
R _Y B	255, 211, 194
Decimal	16764866
CIE Lab	86.89, 15.04, 12.83
CIE LCh	87, 19.774, 40.468
Yxy	69.7807, 0.3598, 0.3425
Android (android.graphics.Color)	4294954946 (0xFFFFCFC2)
YUV	219.8700, -12.7539, 30.8090
Hunter-Lab	83.5348, 10.4554, 15.4250

Details

The Yxy color **69.7807, 0.3598, 0.3425** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **82.2143, 0.2762, 0.3150**, and the grayscale version is **71.5424, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **36.5462, 0.3711, 0.3464** is the 20% darker color. If you saturate the color by 10%, you get **59.6082, 0.3865, 0.3485**, and if you desaturate by 10%, it is **81.3741, 0.3375, 0.3366**.

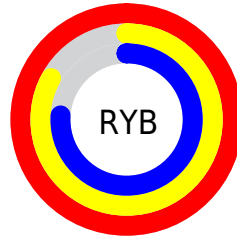
Distribution



Red (100%)

Green (81%)

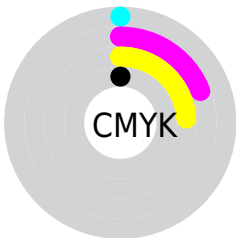
Blue (76%)



Red (100%)

Yellow (83%)

Blue (76%)

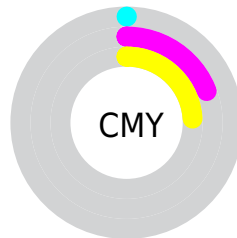


Cyan (0%)

Magenta (19%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.7807, 0.3598, 0.3425 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 69.7807, 0.3598, 0.3425 by changing the saturation by 10% instead.


 69.7807, 0.3598,
0.3425

 69.7807, 0.3598,
0.3425


459.7796, 0.3376,
0.3366

 51.3478, 0.3649,
0.3437


 118.8960, 0.3520,
0.3405

 36.4855, 0.3713,
0.3452


150.3471, 0.3490,
0.3398

 24.8094, 0.3795,
0.3470


186.9064, 0.3465,
0.3391

 15.9351, 0.3903,
0.3492

228.9583, 0.3442,
0.3385

 9.4782, 0.4051,
0.3519

276.8872, 0.3423,
0.3379

 5.0544, 0.4267,
0.3550


331.0774, 0.3406,


 2.2792, 0.4610,

0.3375

0.3584


391.9134, 0.3390,
0.3370


 0.7627, 0.5944,
0.4056


 0.0000, 1.0000,
0.0000


 69.7807, 0.3598,
0.3425

 69.7807, 0.3598,
0.3425

 59.6082, 0.3865,
0.3485

 81.3741, 0.3375,
0.3366

 50.8193, 0.4182,
0.3543

 94.4606, 0.3190,
0.3311

 43.3476, 0.4547,
0.3592

100.0000, 0.3127,
0.3290

 37.1284, 0.4950,
0.3623

■ 32.0916, 0.5364,
0.3627

■ 28.1596, 0.5746,
0.3595

■ 25.2447, 0.6047,
0.3525

■ 23.9197, 0.6182,
0.3474

Harmonies

Analogous

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



69.7807, 0.3482, 0.3221



69.7807, 0.3598, 0.3425



69.7807, 0.3582, 0.3605

Triad

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



69.7807, 0.3598, 0.3425



69.7807, 0.2977, 0.3562



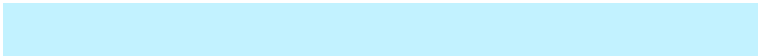
69.7807, 0.2813, 0.2889

Complementary

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



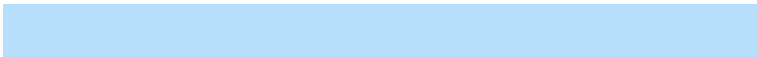
69.7807, 0.3598, 0.3425



82.2143, 0.2762, 0.3150

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.



69.7807, 0.2690, 0.2960



69.7807, 0.3598, 0.3425



69.7807, 0.2781, 0.3348

Square

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



69.7807, 0.3598, 0.3425



69.7807, 0.3217, 0.3697



69.7807, 0.2678, 0.3125



69.7807, 0.3023, 0.2919

Rectangle

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



69.7807, 0.3598, 0.3425



69.7807, 0.3499, 0.3686



69.7807, 0.2678, 0.3125



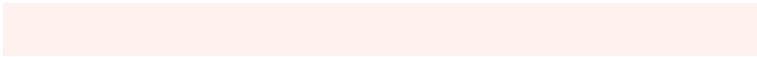
69.7807, 0.2761, 0.2901

Sweetspot

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



69.7744, 0.3598, 0.3425



90.2618, 0.3244, 0.3327



66.3101, 0.3244, 0.2805



19.1475, 0.3254, 0.3331



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

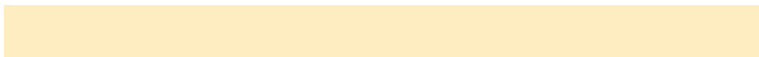
The Same Dimension uses a secret algorithm to generate beautiful new colors.



69.7744, 0.3598, 0.3425



64.4293, 0.3728, 0.3456



85.5535, 0.3529, 0.3719



18.6129, 0.3289, 0.3341



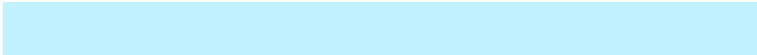
12.6721, 0.6156, 0.3494



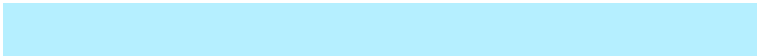
1.3839, 0.5948, 0.3659

Inverse Universe

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



82.2143, 0.2762, 0.3150



78.9432, 0.2687, 0.3117



65.9344, 0.2734, 0.2820



19.7870, 0.2980, 0.3238



25.7704, 0.2053, 0.2589



2.6651, 0.2077, 0.2678

Previews

White Background



This preview shows how the Yxy color 69.7807, 0.3598, 0.3425 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 69.7807, 0.3598, 0.3425 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

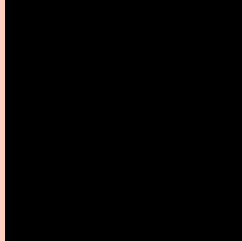
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.7807, 0.3598, 0.3425

Background



This preview shows how black text looks on a background with the Yxy color 69.7807, 0.3598, 0.3425.



This preview shows how white text looks on a background with the Yxy color 69.7807, 0.3598, 0.3425.

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

69.7807, 0.3598, 0.3425

Protanopia

69.9180, 0.3317, 0.3488

Deuteranopia

69.8999, 0.3543, 0.3470



Tritanopia

69.5602, 0.3412, 0.3138

Trichromacy



Original Color

69.7807, 0.3598, 0.3425

Protanomaly

69.6242, 0.3422, 0.3463

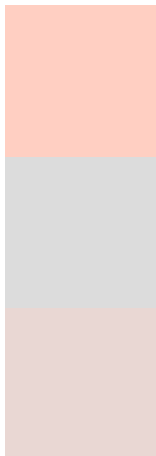
Deuteranomaly

69.9604, 0.3569, 0.3458

Tritanomaly

69.5758, 0.3479, 0.3240

Monochromacy



Original Color

69.7807, 0.3598, 0.3425

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

70.6277, 0.3288, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.7807, 0.3598, 0.3425 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, 194)` looks like.

```
.text, #text, p{  
  color:rgb(255, 207, 194)  
}
```

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, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 194) }
```

Border

The CSS property to change the border of an element to Yxy 69.7807, 0.3598, 0.3425 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, 194) }
```

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

```
.border{ border-color:rgb(255, 207, 194) }
```

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, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 69.7807, 0.3598, 0.3425 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, 194) }
```

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

```
.background{ background-color: rgb(255,  
207, 194) }
```

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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