

Converting Colors

$Y_{xy}(79.9245, 0.4102, 0.3529)$

Have a look what the booklet for
Yxy(79.9245, 0.4102, 0.3529)
contains.

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Color

Yxy(69.1809, 0.3706, 0.3571)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFB4
RGB	255, 207, 180
RGB Percent	100%, 81%, 71%
CMY	0.0000, 0.1882, 0.2941
CMYK	0.00, 0.19, 0.29, 0.00
HSL	22°, 100%, 85%
HSV	22°, 29%, 100%
XYZ	71.7963, 69.1809, 52.7526
YIQ	218.2740, 37.2750, 1.7790

Conversions

Conversions Part 2

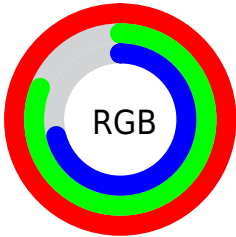
Format	Color
R _Y B	255, 222, 180
Decimal	16764852
CIE Lab	86.59, 13.15, 19.80
CIE LCh	87, 23.772, 56.417
Yxy	69.1809, 0.3706, 0.3571
Android (android.graphics.Color)	4294954932 (0xFFFFCFB4)
YUV	218.2740, -18.8691, 32.2087
Hunter-Lab	83.1751, 8.5239, 20.6187

Details

The Yxy color **69.1809, 0.3706, 0.3571** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.4161, 0.2668, 0.2990**, and the grayscale version is **70.4227, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **36.1851, 0.3845, 0.3637** is the 20% darker color. If you saturate the color by 10%, you get **60.7309, 0.3969, 0.3670**, and if you desaturate by 10%, it is **78.6395, 0.3478, 0.3471**.

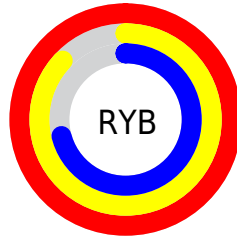
Distribution



Red (100%)

Green (81%)

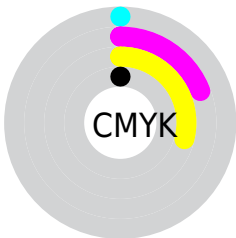
Blue (71%)



Red (100%)

Yellow (87%)

Blue (71%)

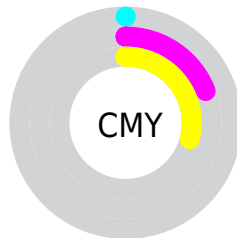


Cyan (0%)

Magenta (19%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.1809, 0.3706, 0.3571 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 69.1809, 0.3706, 0.3571 by changing the saturation by 10% instead.

 69.1809, 0.3706,
0.3571

 69.1809, 0.3706,
0.3571

457.6687, 0.3434,
0.3446

 50.8590, 0.3769,
0.3598


 118.0399, 0.3611,
0.3529

 36.0964, 0.3847,
0.3630


149.3459, 0.3574,
0.3512

 24.5087, 0.3947,
0.3670


185.7487, 0.3542,
0.3498

 15.7114, 0.4077,
0.3719

227.6327, 0.3515,
0.3485

 9.3202, 0.4255,
0.3780

275.3823, 0.3491,
0.3473

 4.9506, 0.4509,
0.3855

329.3819, 0.3469,

 2.2183, 0.4932,

0.3463

0.3967

390.0159, 0.3451,
0.3454

0.7299, 0.5845,
0.4155

0.0000, 0.0000,
0.0000

69.1809, 0.3706,
0.3571

69.1809, 0.3706,
0.3571

60.7309, 0.3969,
0.3670

78.6395, 0.3478,
0.3471

53.2546, 0.4268,
0.3763

89.1403, 0.3284,
0.3375

46.7144, 0.4597,
0.3839

100.0000, 0.3127,
0.3290

41.0702, 0.4943,
0.3886

■ 36.2783, 0.5282,
0.3891

■ 32.2906, 0.5585,
0.3844

■ 29.0472, 0.5828,
0.3750

■ 28.8761, 0.5841,
0.3744

Harmonies

Analogous

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



69.1809, 0.3649, 0.3334



69.1809, 0.3706, 0.3571



69.1809, 0.3600, 0.3750

Triad

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



69.1809, 0.3706, 0.3571



69.1809, 0.2810, 0.3488



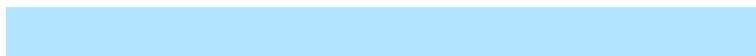
69.1809, 0.2873, 0.2816

Complementary

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



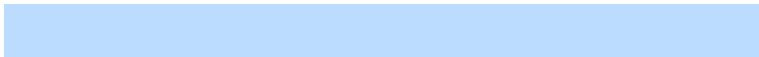
69.1809, 0.3706, 0.3571



72.4161, 0.2668, 0.2990

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.



69.1809, 0.2666, 0.2833



69.1809, 0.3706, 0.3571



69.1809, 0.2631, 0.3210

Square

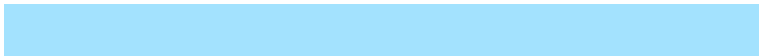
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.1809, 0.3706, 0.3571



69.1809, 0.3077, 0.3715



69.1809, 0.2580, 0.2972



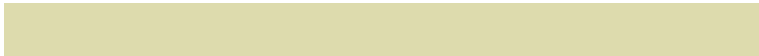
69.1809, 0.3156, 0.2912

Rectangle

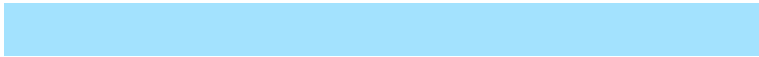
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



69.1809, 0.3706, 0.3571



69.1809, 0.3455, 0.3806



69.1809, 0.2580, 0.2972



69.1809, 0.2793, 0.2808

Sweetspot

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



69.1808, 0.3706, 0.3571



89.5920, 0.3276, 0.3371



59.5491, 0.3367, 0.2797



18.8339, 0.3302, 0.3385



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.



69.1808, 0.3706, 0.3571



64.3340, 0.3849, 0.3627



89.1074, 0.3603, 0.3927



19.0571, 0.3285, 0.3376



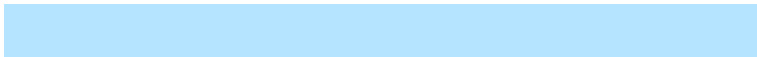
15.3447, 0.5811, 0.3768



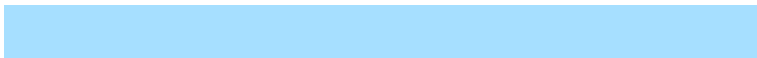
1.6922, 0.5595, 0.3939

Inverse Universe

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



72.4161, 0.2668, 0.2990



68.0098, 0.2582, 0.2923



54.2980, 0.2621, 0.2561



19.3171, 0.2980, 0.3202



17.7940, 0.1907, 0.2063



1.9398, 0.1950, 0.2219

Previews

White Background



This preview shows how the Yxy color 69.1809, 0.3706, 0.3571 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 69.1809, 0.3706, 0.3571 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

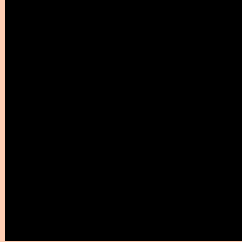
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.1809, 0.3706, 0.3571

Background



This preview shows how black text looks on a background with the Yxy color 69.1809, 0.3706, 0.3571.



This preview shows how white text looks on a background with the Yxy color 69.1809, 0.3706, 0.3571.

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

69.1809, 0.3706, 0.3571

Protanopia

69.1085, 0.3433, 0.3633

Deuteranopia

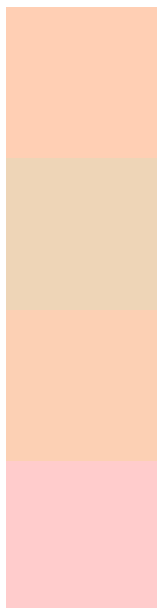
69.4054, 0.3668, 0.3595



Tritanopia

68.9816, 0.3429, 0.3148

Trichromacy



Original Color

69.1809, 0.3706, 0.3571

Protanomaly

69.1845, 0.3532, 0.3615

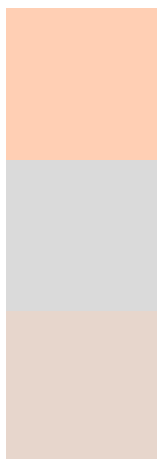
Deuteranomaly

69.1025, 0.3679, 0.3584

Tritanomaly

68.8054, 0.3527, 0.3291

Monochromacy



Original Color

69.1809, 0.3706, 0.3571

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.4417, 0.3324, 0.3399

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.1809, 0.3706, 0.3571 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 180) }
```

Border

The CSS property to change the border of an element to Yxy 69.1809, 0.3706, 0.3571 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, 180) }
```

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

```
.border{ border-color:rgb(255, 207, 180) }
```

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, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 69.1809, 0.3706, 0.3571 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, 180) }
```

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

```
.background{ background-color: rgb(255,  
207, 180) }
```

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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