

Converting Colors

$Yxy(76.3638, 0.3928, 0.3487)$

Have a look what the booklet for
Yxy(76.3638, 0.3928, 0.3487)
contains.

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Color

Yxy(69.4308, 0.3659, 0.3509)

Conversions

Conversions Part 1

Format	Color
Hex	FFCFBA
RGB	255, 207, 186
RGB Percent	100%, 81%, 73%
CMY	0.0002, 0.1881, 0.2706
CMYK	0.00, 0.19, 0.27, 0.00
HSL	18°, 100%, 86%
HSV	18°, 27%, 100%
XYZ	72.3988, 69.4308, 56.0353
YIQ	218.9580, 35.3490, 3.6450

Conversions

Conversions Part 2

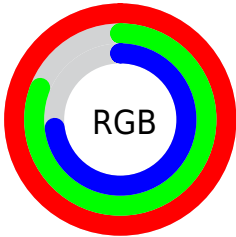
Format	Color
R _Y B	255, 216, 186
Decimal	16764858
CIE Lab	86.72, 13.89, 16.82
CIE LCh	87, 21.815, 50.461
Yxy	69.4308, 0.3659, 0.3509
Android (android.graphics.Color)	4294954938 (0xFFFFCFBA)
YUV	218.9580, -16.2483, 31.6088
Hunter-Lab	83.3251, 9.2744, 18.4557

Details

The Yxy color **69.4308, 0.3659, 0.3509** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.4453, 0.2709, 0.3059**, and the grayscale version is **70.9028, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **36.3462, 0.3783, 0.3558** is the 20% darker color. If you saturate the color by 10%, you get **60.3352, 0.3924, 0.3594**, and if you desaturate by 10%, it is **79.6895, 0.3433, 0.3425**.

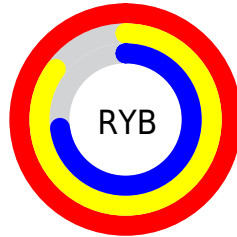
Distribution



Red (100%)

Green (81%)

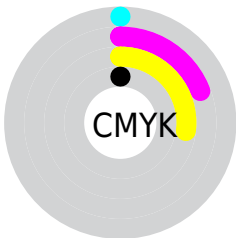
Blue (73%)



Red (100%)

Yellow (85%)

Blue (73%)

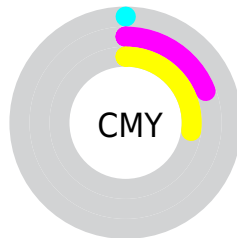


Cyan (0%)

Magenta (19%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (19%)

Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 69.4308, 0.3659, 0.3509 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 69.4308, 0.3659, 0.3509 by changing the saturation by 10% instead.


 69.4308, 0.3659,
0.3509

 69.4308, 0.3659,
0.3509


458.5489, 0.3409,
0.3412

 51.0626, 0.3717,
0.3530


 118.3967, 0.3571,
0.3476

 36.2585, 0.3789,
0.3555


149.7632, 0.3538,
0.3463

 24.6339, 0.3881,
0.3585


186.2312, 0.3508,
0.3452

 15.8045, 0.4002,
0.3623

228.1853, 0.3483,
0.3442

 9.3859, 0.4168,
0.3670

276.0097, 0.3461,
0.3433

 4.9937, 0.4407,
0.3728

330.0888, 0.3442,

 2.2436, 0.4783,

0.3426

0.3797

390.8071, 0.3424,
0.3419

0.7436, 0.5883,
0.4117

0.0000, 0.0000,
0.0000

69.4308, 0.3659,
0.3509

69.4308, 0.3659,
0.3509

60.3352, 0.3924,
0.3594

79.6895, 0.3433,
0.3425

52.3510, 0.4230,
0.3675

91.1412, 0.3243,
0.3344

45.4369, 0.4574,
0.3742

99.9888, 0.3127,
0.3290

39.5450, 0.4943,
0.3784

■ 34.6235, 0.5312,
0.3790

■ 30.6153, 0.5648,
0.3749

■ 27.4553, 0.5915,
0.3661

■ 26.6673, 0.5982,
0.3632

Harmonies

Analogous

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



69.4308, 0.3577, 0.3287



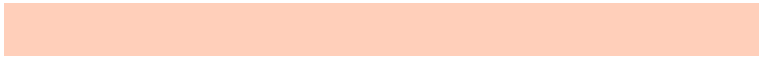
69.4308, 0.3659, 0.3509



69.4308, 0.3591, 0.3687

Triad

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



69.4308, 0.3659, 0.3509



69.4308, 0.2880, 0.3519



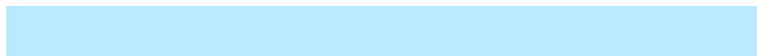
69.4308, 0.2849, 0.2848

Complementary

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



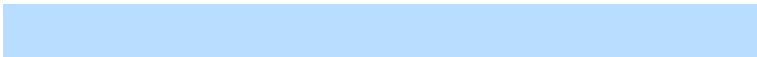
69.4308, 0.3659, 0.3509



76.4453, 0.2709, 0.3059

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.



69.4308, 0.2678, 0.2888



69.4308, 0.3659, 0.3509



69.4308, 0.2695, 0.3267

Square

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



69.4308, 0.3659, 0.3509



69.4308, 0.3136, 0.3706



69.4308, 0.2623, 0.3036



69.4308, 0.3100, 0.2917

Rectangle

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



69.4308, 0.3659, 0.3509



69.4308, 0.3473, 0.3753



69.4308, 0.2623, 0.3036



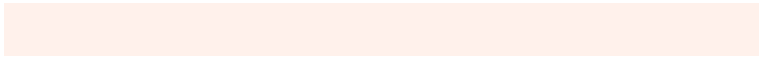
69.4308, 0.2781, 0.2849

Sweetspot

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



69.4340, 0.3659, 0.3509



90.0417, 0.3260, 0.3351



62.3190, 0.3316, 0.2805



18.8908, 0.3287, 0.3363



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.



69.4340, 0.3659, 0.3509



64.8170, 0.3785, 0.3551



87.7939, 0.3571, 0.3843



18.8908, 0.3287, 0.3363



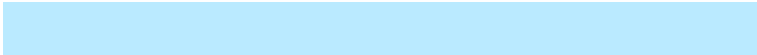
14.1707, 0.5953, 0.3655



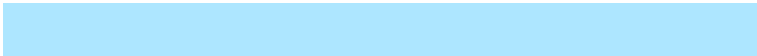
1.5628, 0.5732, 0.3830

Inverse Universe

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



76.4453, 0.2709, 0.3059



72.8006, 0.2634, 0.3011



58.8624, 0.2670, 0.2669



19.4910, 0.2980, 0.3216



20.5193, 0.1961, 0.2260



2.1910, 0.1998, 0.2392

Previews

White Background



This preview shows how the Yxy color 69.4308, 0.3659, 0.3509 looks on a white background.

Color Contrast Check

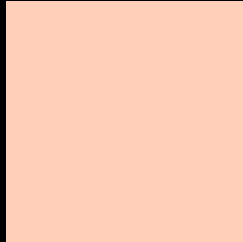
Large Text (above 18pt) WCAG AA × Fail

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 69.4308, 0.3659, 0.3509 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 69.4308, 0.3659, 0.3509

Background



This preview shows how black text looks on a background with the Yxy color 69.4308, 0.3659, 0.3509.



This preview shows how white text looks on a background with the Yxy color 69.4308, 0.3659, 0.3509.

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

69.4308, 0.3659, 0.3509

Protanopia

69.7182, 0.3381, 0.3577

Deuteranopia

69.4701, 0.3614, 0.3532



Tritanopia

69.5077, 0.3419, 0.3149

Trichromacy



Original Color

69.4308, 0.3659, 0.3509

Protanomaly

69.2671, 0.3480, 0.3550

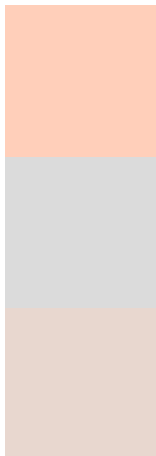
Deuteranomaly

69.3524, 0.3633, 0.3521

Tritanomaly

69.3789, 0.3509, 0.3281

Monochromacy



Original Color

69.4308, 0.3659, 0.3509

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

70.2617, 0.3309, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.4308, 0.3659, 0.3509 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 186)  
}
```

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, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 186) }
```

Border

The CSS property to change the border of an element to Yxy 69.4308, 0.3659, 0.3509 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, 186) }
```

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

```
.border{ border-color:rgb(255, 207, 186) }
```

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, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 69.4308, 0.3659, 0.3509 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, 186) }
```

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

```
.background{ background-color: rgb(255,  
207, 186) }
```

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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