

Converting Colors

$Y_{xy}(126.1654, 0.4974, 0.3435)$

Have a look what the booklet for
Yxy(126.1654, 0.4974, 0.3435)
contains.

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Color

Yxy(69.2218, 0.3698, 0.3561)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | FFCFB5 |
| RGB | 255, 207, 181 |
| RGB Percent | 100%, 81%, 71% |
| CMY | 0.0001, 0.1882, 0.2902 |
| CMYK | 0.00, 0.19, 0.29, 0.00 |
| HSL | 21°, 100%, 85% |
| HSV | 21°, 29%, 100% |
| XYZ | 71.8849, 69.2218, 53.2819 |
| YIQ | 218.3880, 36.9540, 2.0900 |

Conversions

Conversions Part 2

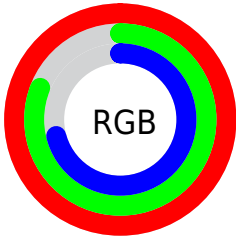
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 221, 181 |
| Decimal | 16764853 |
| CIE Lab | 86.61, 13.25, 19.32 |
| CIE LCh | 87, 23.423, 55.551 |
| Yxy | 69.2218, 0.3698, 0.3561 |
| Android (android.graphics.Color) | 4294954933 (0xFFFFCFB5) |
| YUV | 218.3880, -18.4323, 32.1087 |
| Hunter-Lab | 83.1996, 8.6256, 20.2698 |

Details

The Yxy color **69.2218, 0.3698, 0.3561** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73.0489, 0.2675, 0.3001**, and the grayscale version is **70.5034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **36.2113, 0.3835, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **60.6780, 0.3962, 0.3658**, and if you desaturate by 10%, it is **78.8019, 0.3471, 0.3464**.

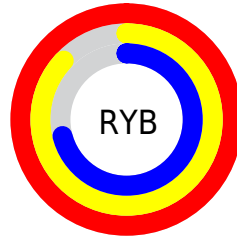
Distribution



Red (100%)

Green (81%)

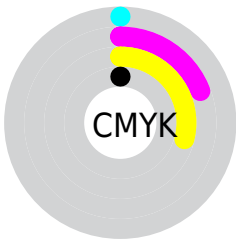
Blue (71%)



Red (100%)

Yellow (87%)

Blue (71%)

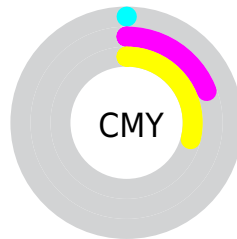


Cyan (0%)

Magenta (19%)

Yellow (29%)

Black (0%)



Cyan (0%)


Magenta (19%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 69.2218, 0.3698, 0.3561 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 69.2218, 0.3698, 0.3561 by changing the saturation by 10% instead.


 69.2218, 0.3698,
0.3561

 69.2218, 0.3698,
0.3561


457.8129, 0.3429,
0.3441

 50.8924, 0.3760,
0.3587

 118.0983, 0.3604,
0.3520

 36.1230, 0.3837,
0.3618


149.4142, 0.3568,
0.3504

 24.5292, 0.3936,
0.3656


185.8277, 0.3537,
0.3490

 15.7266, 0.4064,
0.3703

227.7231, 0.3509,
0.3478

 9.3309, 0.4240,
0.3762

275.4850, 0.3486,
0.3467

 4.9576, 0.4492,
0.3835

329.4976, 0.3465,

 2.2224, 0.4905,

0.3457

0.3939

390.1455, 0.3446,
0.3449

0.7322, 0.5850,
0.4150

0.0000, 0.0000,
0.0000

69.2218, 0.3698,
0.3561

69.2218, 0.3698,
0.3561

60.6780, 0.3962,
0.3658

78.8019, 0.3471,
0.3464

53.1246, 0.4262,
0.3749

89.4428, 0.3277,
0.3370

46.5265, 0.4593,
0.3824

99.9949, 0.3127,
0.3290

40.8425, 0.4942,
0.3870

■ 36.0280, 0.5286,
0.3876

■ 32.0335, 0.5594,
0.3830

■ 28.7989, 0.5841,
0.3737

■ 28.5172, 0.5863,
0.3727

Harmonies

Analogous

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



69.2218, 0.3637, 0.3327



69.2218, 0.3698, 0.3561



69.2218, 0.3598, 0.3739

Triad

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



69.2218, 0.3698, 0.3561



69.2218, 0.2821, 0.3492



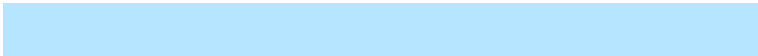
69.2218, 0.2869, 0.2821

Complementary

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



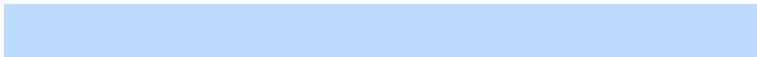
69.2218, 0.3698, 0.3561



73.0489, 0.2675, 0.3001

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.



69.2218, 0.2668, 0.2842



69.2218, 0.3698, 0.3561



69.2218, 0.2641, 0.3219

Square

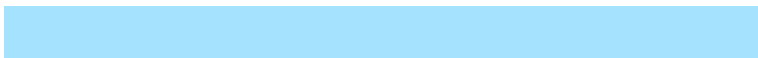
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



69.2218, 0.3698, 0.3561



69.2218, 0.3086, 0.3713



69.2218, 0.2587, 0.2982



69.2218, 0.3148, 0.2913

Rectangle

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



69.2218, 0.3698, 0.3561



69.2218, 0.3457, 0.3797



69.2218, 0.2587, 0.2982



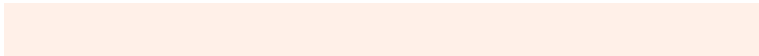
69.2218, 0.2791, 0.2815

Sweetspot

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



69.2250, 0.3698, 0.3561



89.4823, 0.3276, 0.3370



59.9600, 0.3363, 0.2804



18.8069, 0.3303, 0.3383



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.



69.2250, 0.3698, 0.3561



64.0043, 0.3851, 0.3620



89.2173, 0.3596, 0.3918



19.0324, 0.3286, 0.3374



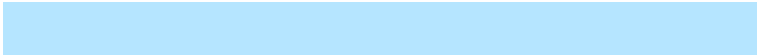
15.1570, 0.5833, 0.3751



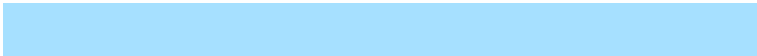
1.6719, 0.5616, 0.3923

Inverse Universe

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



73.0489, 0.2675, 0.3001



68.3970, 0.2583, 0.2932



54.7783, 0.2628, 0.2572



19.3428, 0.2980, 0.3204



18.1794, 0.1915, 0.2092



1.9756, 0.1957, 0.2244

Previews

White Background



This preview shows how the Yxy color 69.2218, 0.3698, 0.3561 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 69.2218, 0.3698, 0.3561 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

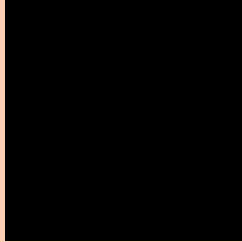
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 69.2218, 0.3698, 0.3561

Background



This preview shows how black text looks on a background with the Yxy color 69.2218, 0.3698, 0.3561.



This preview shows how white text looks on a background with the Yxy color 69.2218, 0.3698, 0.3561.

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

69.2218, 0.3698, 0.3561

Protanopia

69.6649, 0.3424, 0.3633

Deuteranopia

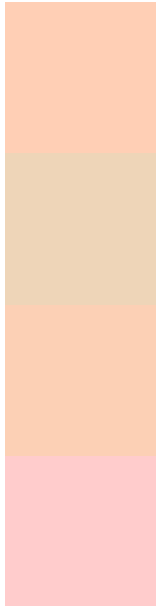
69.4464, 0.3661, 0.3584



Tritanopia

68.9816, 0.3429, 0.3148

Trichromacy



Original Color

69.2218, 0.3698, 0.3561

Protanomaly

69.2263, 0.3525, 0.3604

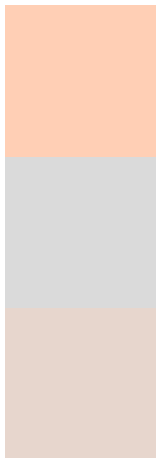
Deuteranomaly

69.1434, 0.3671, 0.3573

Tritanomaly

68.8054, 0.3527, 0.3291

Monochromacy



Original Color

69.2218, 0.3698, 0.3561

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

69.4898, 0.3317, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 69.2218, 0.3698, 0.3561 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(255, 207, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 207, 181) }
```

Border

The CSS property to change the border of an element to Yxy 69.2218, 0.3698, 0.3561 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, 181) }
```

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

```
.border{ border-color:rgb(255, 207, 181) }
```

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, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 207, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 207, 181);  
box-shadow:4px 4px 4px 4px rgb(255, 207,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 69.2218, 0.3698, 0.3561 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, 181) }
```

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

```
.background{ background-color: rgb(255,  
207, 181) }
```

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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