

Converting Colors

$Y_{xy}(103.6933, 0.4612, 0.3568)$

Have a look what the booklet for
Yxy(103.6933, 0.4612, 0.3568)
contains.

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Color

Yxy(71.9045, 0.3733, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5AE
RGB	255, 213, 174
RGB Percent	100%, 84%, 68%
CMY	0.0001, 0.1646, 0.3177
CMYK	0.00, 0.16, 0.32, 0.00
HSL	29°, 100%, 84%
HSV	29°, 32%, 100%
XYZ	72.6636, 71.9045, 50.0840
YIQ	221.1120, 37.5510, -3.2250

Conversions

Conversions Part 2

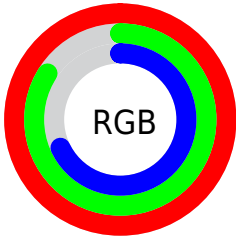
Format	Color
R _Y B	255, 249, 174
Decimal	16766382
CIE Lab	87.92, 9.25, 24.79
CIE LCh	88, 26.459, 69.544
Yxy	71.9045, 0.3733, 0.3694
Android (android.graphics.Color)	4294956462 (0xFFFFD5AE)
YUV	221.1120, -23.2262, 29.7198
Hunter-Lab	84.7965, 4.5659, 24.3387

Details

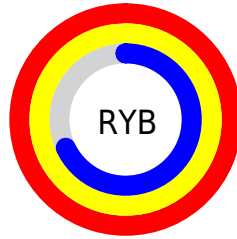
The Yxy color **71.9045, 0.3733, 0.3694** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.2901, 0.2618, 0.2847**, and the grayscale version is **72.5348, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **37.7045, 0.3881, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **64.6298, 0.3978, 0.3824**, and if you desaturate by 10%, it is **79.9156, 0.3514, 0.3562**.

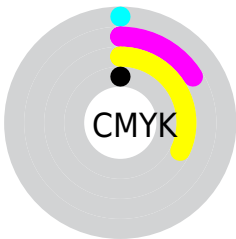
Distribution



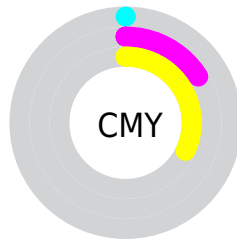
- Red (100%)
- Green (84%)
- Blue (68%)



- Red (100%)
- Yellow (98%)
- Blue (68%)



- Cyan (0%)
- Magenta (16%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.9045, 0.3733, 0.3694 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 71.9045, 0.3733, 0.3694 by changing the saturation by 10% instead.


 71.9045, 0.3733,
0.3694

 71.9045, 0.3733,
0.3694

467.2091, 0.3451,
0.3513

 53.0807, 0.3797,
0.3733


 121.9207, 0.3635,
0.3633

 37.8672, 0.3876,
0.3781

153.8819, 0.3597,
0.3608

 25.8796, 0.3976,
0.3839


190.9911, 0.3564,
0.3587

 16.7336, 0.4105,
0.3912

233.6325, 0.3536,
0.3569

 10.0447, 0.4278,
0.4003

282.1906, 0.3511,
0.3552

 5.4286, 0.4517,
0.4119

337.0498, 0.3489,

 2.5009, 0.4939,

0.3538

0.4323

398.5945, 0.3469,
0.3525

0.8771, 0.5515,
0.4485

0.0000, 1.0000,
0.0000

71.9045, 0.3733,
0.3694

71.9045, 0.3733,
0.3694

64.6298, 0.3978,
0.3824

79.9156, 0.3514,
0.3562

58.0580, 0.4245,
0.3944

88.6755, 0.3322,
0.3433

52.1674, 0.4529,
0.4043

98.2085, 0.3154,
0.3311

46.9310, 0.4815,
0.4109

99.9937, 0.3127,
0.3290

■ 42.3190, 0.5087,
0.4127

■ 38.2981, 0.5325,
0.4090

■ 35.3959, 0.5490,
0.4023

Harmonies

Analogous

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



71.9045, 0.3751, 0.3453



71.9045, 0.3733, 0.3694



71.9045, 0.3547, 0.3843

Triad

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



71.9045, 0.3733, 0.3694



71.9045, 0.2678, 0.3373



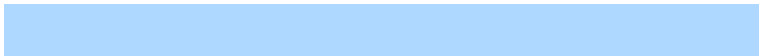
71.9045, 0.2977, 0.2804

Complementary

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



71.9045, 0.3733, 0.3694



65.2901, 0.2618, 0.2847

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.



71.9045, 0.2707, 0.2766



71.9045, 0.3733, 0.3694



71.9045, 0.2541, 0.3075

Square

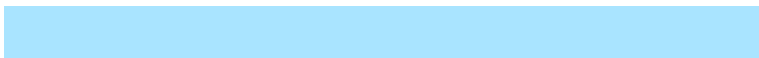
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9045, 0.3733, 0.3694



71.9045, 0.2935, 0.3663



71.9045, 0.2552, 0.2858



71.9045, 0.3302, 0.2956

Rectangle

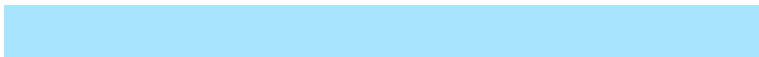
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9045, 0.3733, 0.3694



71.9045, 0.3358, 0.3860



71.9045, 0.2552, 0.2858



71.9045, 0.2877, 0.2777

Sweetspot

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



71.9078, 0.3733, 0.3694



90.3256, 0.3291, 0.3411



56.5381, 0.3472, 0.2848



19.0558, 0.3316, 0.3429



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.



71.9078, 0.3733, 0.3694



67.3037, 0.3883, 0.3776



94.0978, 0.3616, 0.4062



19.4321, 0.3282, 0.3405



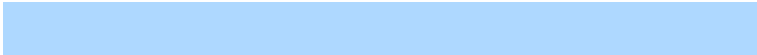
18.7961, 0.5463, 0.4044



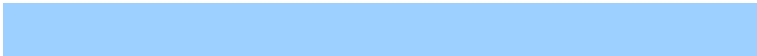
2.0476, 0.5281, 0.4189

Inverse Universe

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



65.2901, 0.2618, 0.2847



59.7527, 0.2516, 0.2743



47.5336, 0.2561, 0.2380



18.9342, 0.2979, 0.3172



12.7076, 0.1787, 0.1634



1.4561, 0.1843, 0.1835

Previews

White Background



This preview shows how the Yxy color 71.9045, 0.3733, 0.3694 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 71.9045, 0.3733, 0.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

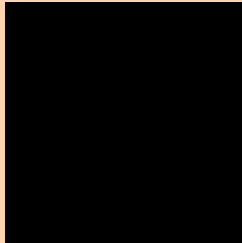
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.9045, 0.3733, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 71.9045, 0.3733, 0.3694.



This preview shows how white text looks on a background with the Yxy color 71.9045, 0.3733, 0.3694.

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

71.9045, 0.3733, 0.3694

Protanopia

71.8531, 0.3528, 0.3758

Deuteranopia

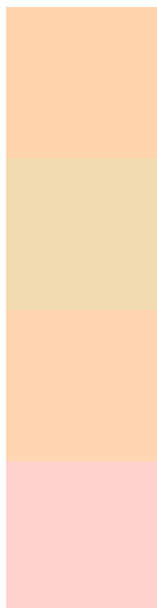
72.1032, 0.3696, 0.3642



Tritanopia

71.6457, 0.3384, 0.3149

Trichromacy



Original Color

71.9045, 0.3733, 0.3694

Protanomaly

71.6375, 0.3605, 0.3728

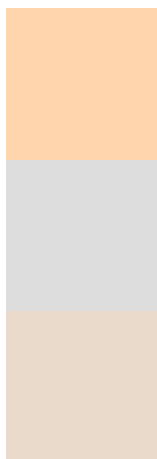
Deuteranomaly

72.0228, 0.3711, 0.3663

Tritanomaly

71.7610, 0.3507, 0.3342

Monochromacy



Original Color

71.9045, 0.3733, 0.3694

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.8261, 0.3333, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.9045, 0.3733, 0.3694 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, 213, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 174)  
}
```

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, 213, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 174) }
```

Border

The CSS property to change the border of an element to Yxy 71.9045, 0.3733, 0.3694 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, 213, 174) }
```

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

```
.border{ border-color:rgb(255, 213, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 213, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 71.9045, 0.3733, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 174) }
```

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

```
.background{ background-color: rgb(255,  
213, 174) }
```

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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