

Converting Colors

$Y_{xy}(74.7004, 0.3885, 0.3650)$

Have a look what the booklet for
Yxy(74.7004, 0.3885, 0.3650)
contains.

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Color

Yxy(70.9045, 0.3739, 0.3674)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3AE
RGB	255, 211, 174
RGB Percent	100%, 83%, 68%
CMY	0.0002, 0.1724, 0.3176
CMYK	0.00, 0.17, 0.32, 0.00
HSL	27°, 100%, 84%
HSV	27°, 32%, 100%
XYZ	72.1589, 70.9045, 49.9265
YIQ	219.9380, 38.1010, -2.1790

Conversions

Conversions Part 2

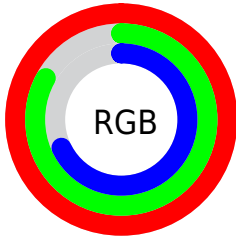
Format	Color
R _{YB}	255, 242, 174
Decimal	16765870
CIE Lab	87.44, 10.27, 24.12
CIE LCh	87, 26.214, 66.929
Yxy	70.9045, 0.3739, 0.3674
Android (android.graphics.Color)	4294955950 (0xFFFFD3AE)
YUV	219.9380, -22.6474, 30.7494
Hunter-Lab	84.2048, 5.6064, 23.7893

Details

The Yxy color **70.9045, 0.3739, 0.3674** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.3151, 0.2621, 0.2870**, and the grayscale version is **71.6646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **37.0277, 0.3891, 0.3755** is the 20% darker color. If you saturate the color by 10%, you get **63.4250, 0.3989, 0.3798**, and if you desaturate by 10%, it is **79.1707, 0.3517, 0.3548**.

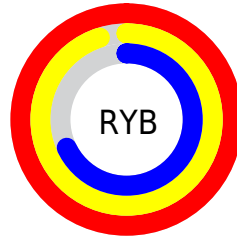
Distribution



Red (100%)

Green (83%)

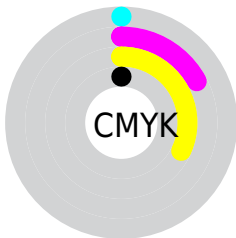
Blue (68%)



Red (100%)

Yellow (95%)

Blue (68%)

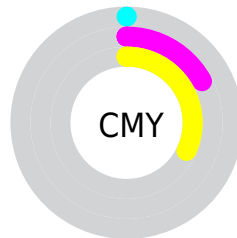


Cyan (0%)

Magenta (17%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.9045, 0.3739, 0.3674 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 70.9045, 0.3739, 0.3674 by changing the saturation by 10% instead.


 70.9045, 0.3739,
0.3674

 70.9045, 0.3739,
0.3674

463.7195, 0.3453,
0.3502

 52.2643, 0.3804,
0.3711


 120.4977, 0.3640,
0.3616

 37.2158, 0.3885,
0.3756

152.2195, 0.3601,
0.3593

 25.3746, 0.3987,
0.3811


189.0706, 0.3568,
0.3573

 16.3564, 0.4119,
0.3880

231.4354, 0.3539,
0.3555

 9.7767, 0.4297,
0.3966

279.6983, 0.3514,
0.3540

 5.2511, 0.4544,
0.4073

334.2437, 0.3491,

 2.3954, 0.4989,

0.3526

0.4270

395.4560, 0.3471,
0.3513

0.8235, 0.5601,
0.4399

0.0000, 0.0000,
0.0000

70.9045, 0.3739,
0.3674

70.9045, 0.3739,
0.3674

63.4250, 0.3989,
0.3798

79.1707, 0.3517,
0.3548

56.6969, 0.4264,
0.3912

88.2380, 0.3323,
0.3426

50.6962, 0.4558,
0.4006

98.1326, 0.3154,
0.3310

45.3936, 0.4857,
0.4065

99.9895, 0.3127,
0.3290

■ 40.7573, 0.5141,
0.4078

■ 36.7511, 0.5390,
0.4036

■ 33.8842, 0.5563,
0.3965

Harmonies

Analogous

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



70.9045, 0.3741, 0.3429



70.9045, 0.3739, 0.3674



70.9045, 0.3566, 0.3833

Triad

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



70.9045, 0.3739, 0.3674



70.9045, 0.2698, 0.3400



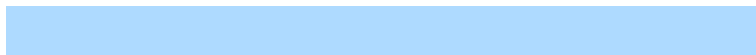
70.9045, 0.2951, 0.2798

Complementary

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



70.9045, 0.3739, 0.3674



66.3151, 0.2621, 0.2870

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.



70.9045, 0.2690, 0.2771



70.9045, 0.3739, 0.3674



70.9045, 0.2550, 0.3100

Square

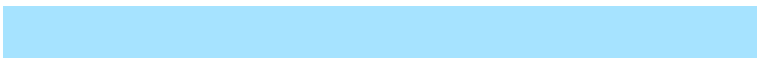
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



70.9045, 0.3739, 0.3674



70.9045, 0.2962, 0.3682



70.9045, 0.2547, 0.2874



70.9045, 0.3273, 0.2940

Rectangle

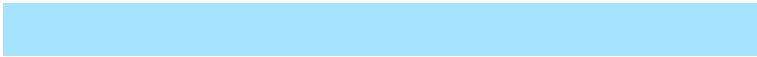
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.9045, 0.3739, 0.3674



70.9045, 0.3383, 0.3860



70.9045, 0.2547, 0.2874



70.9045, 0.2854, 0.2775

Sweetspot

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



70.9078, 0.3739, 0.3674



89.9533, 0.3292, 0.3405



56.6110, 0.3460, 0.2835



18.9659, 0.3317, 0.3422



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.



70.9078, 0.3739, 0.3674



66.1734, 0.3892, 0.3752



93.2357, 0.3620, 0.4050



19.3560, 0.3283, 0.3399



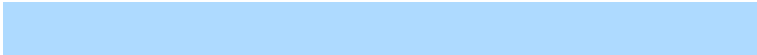
18.0041, 0.5535, 0.3987



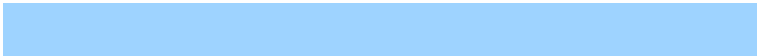
1.9683, 0.5344, 0.4139

Inverse Universe

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



66.3151, 0.2621, 0.2870



60.9259, 0.2520, 0.2772



48.0749, 0.2563, 0.2396



19.0109, 0.2979, 0.3179



13.6258, 0.1811, 0.1718



1.5453, 0.1864, 0.1911

Previews

White Background



This preview shows how the Yxy color 70.9045, 0.3739, 0.3674 looks on a white background.

Color Contrast Check

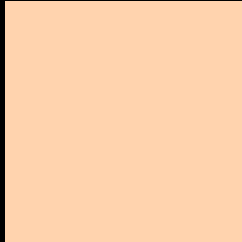
Large Text (above 18pt) WCAG AA × Fail

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 70.9045, 0.3739, 0.3674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

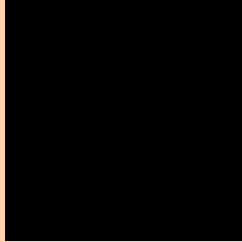
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 70.9045, 0.3739, 0.3674

Background



This preview shows how black text looks on a background with the Yxy color 70.9045, 0.3739, 0.3674.



This preview shows how white text looks on a background with the Yxy color 70.9045, 0.3739, 0.3674.

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

70.9045, 0.3739, 0.3674

Protanopia

71.2010, 0.3515, 0.3737

Deuteranopia

70.9831, 0.3724, 0.3653



Tritanopia

71.0530, 0.3400, 0.3159

Trichromacy



Original Color

70.9045, 0.3739, 0.3674

Protanomaly

70.9868, 0.3592, 0.3708

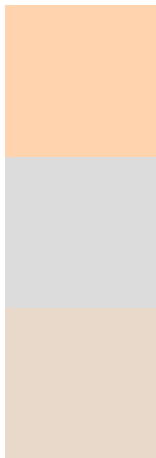
Deuteranomaly

70.9437, 0.3732, 0.3663

Tritanomaly

70.6835, 0.3526, 0.3342

Monochromacy



Original Color

70.9045, 0.3739, 0.3674

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

71.2611, 0.3342, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.9045, 0.3739, 0.3674 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, 211, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 211, 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, 211, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 174) }
```

Border

The CSS property to change the border of an element to Yxy 70.9045, 0.3739, 0.3674 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, 211, 174) }
```

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

```
.border{ border-color:rgb(255, 211, 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, 211, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 70.9045, 0.3739, 0.3674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 211, 174) }
```

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

```
.background{ background-color: rgb(255,  
211, 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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