

Converting Colors

$Y_{xy}(74.4774, 0.3745, 0.3787)$

Have a look what the booklet for
Yxy(74.4774, 0.3745, 0.3787)
contains.

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Color

Yxy(74.3051, 0.3746, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAAA
RGB	255, 218, 170
RGB Percent	100%, 85%, 67%
CMY	0.0001, 0.1450, 0.3333
CMYK	0.00, 0.14, 0.33, 0.00
HSL	34°, 100%, 83%
HSV	34°, 33%, 100%
XYZ	73.5589, 74.3051, 48.5025
YIQ	223.5910, 37.4600, -7.0840

Conversions

Conversions Part 2

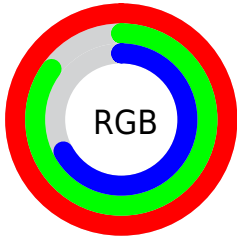
Format	Color
R _Y B	236, 255, 170
Decimal	16767658
CIE Lab	89.07, 6.19, 28.40
CIE LCh	89, 29.071, 77.713
Yxy	74.3051, 0.3746, 0.3784
Android (android.graphics.Color)	4294957738 (0xFFFFDAAA)
YUV	223.5910, -26.4204, 27.5457
Hunter-Lab	86.2004, 1.4718, 26.9795

Details

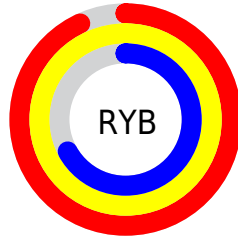
The Yxy color **74.3051, 0.3746, 0.3784** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.3740, 0.2581, 0.2738**, and the grayscale version is **74.4068, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.2710, 0.3298, 0.3572**, and **39.3491, 0.3893, 0.3895** is the 20% darker color. If you saturate the color by 10%, you get **67.8740, 0.3975, 0.3934**, and if you desaturate by 10%, it is **81.3150, 0.3536, 0.3631**.

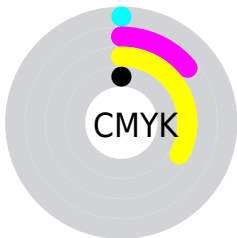
Distribution



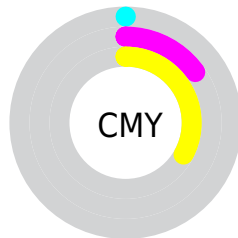
- Red (100%)
- Green (85%)
- Blue (67%)



- Red (93%)
- Yellow (100%)
- Blue (67%)



- Cyan (0%)
- Magenta (14%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (15%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3051, 0.3746, 0.3784 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 74.3051, 0.3746, 0.3784 by changing the saturation by 10% instead.


 74.3051, 0.3746,
0.3784

 74.3051, 0.3746,
0.3784

475.5257, 0.3461,
0.3562

 55.0438, 0.3810,
0.3832

 125.3282, 0.3648,
0.3709

 39.4368, 0.3888,
0.3891


157.8588, 0.3609,
0.3679

 27.0997, 0.3986,
0.3962


195.5813, 0.3576,
0.3653

 17.6481, 0.4111,
0.4051

238.8800, 0.3547,
0.3630

 10.6976, 0.4275,
0.4164

288.1395, 0.3522,
0.3610

 5.8639, 0.4497,
0.4306

343.7439, 0.3499,

 2.7625, 0.4906,

0.3593

0.4576

406.0779, 0.3479,
0.3577

■ 1.0090, 0.5290,
0.4710

■ 0.0000, 1.0000,
0.0000

■ 74.3051, 0.3746,
0.3784

■ 74.3051, 0.3746,
0.3784

■ 67.8740, 0.3975,
0.3934

■ 81.3150, 0.3536,
0.3631

■ 61.9932, 0.4220,
0.4071

■ 88.9107, 0.3347,
0.3480

■ 56.6464, 0.4470,
0.4184

■ 97.1120, 0.3178,
0.3336

■ 51.8121, 0.4715,
0.4261

99.9936, 0.3127,
0.3290

■ 47.4666, 0.4941,
0.4289

■ 43.5824, 0.5133,
0.4263

■ 41.2216, 0.5242,
0.4220

Harmonies

Analogous

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



74.3051, 0.3821, 0.3541



74.3051, 0.3746, 0.3784



74.3051, 0.3502, 0.3910

Triad

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



74.3051, 0.3746, 0.3784



74.3051, 0.2585, 0.3286



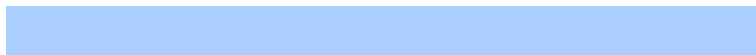
74.3051, 0.3057, 0.2798

Complementary

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



74.3051, 0.3746, 0.3784



60.3740, 0.2581, 0.2738

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.



74.3051, 0.2740, 0.2721



74.3051, 0.3746, 0.3784



74.3051, 0.2480, 0.2979

Square

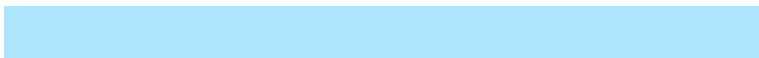
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3051, 0.3746, 0.3784



74.3051, 0.2832, 0.3618



74.3051, 0.2535, 0.2780



74.3051, 0.3410, 0.2990

Rectangle

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



74.3051, 0.3746, 0.3784



74.3051, 0.3283, 0.3895



74.3051, 0.2535, 0.2780



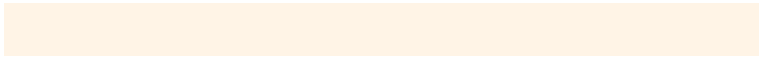
74.3051, 0.2943, 0.2758

Sweetspot

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



74.3085, 0.3746, 0.3784



91.5917, 0.3289, 0.3431



54.5751, 0.3557, 0.2896



19.3620, 0.3313, 0.3452



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.



74.3085, 0.3746, 0.3784



69.9678, 0.3897, 0.3885



94.8583, 0.3602, 0.4133



19.6905, 0.3280, 0.3424



21.8482, 0.5220, 0.4237



2.3447, 0.5071, 0.4356

Inverse Universe

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



60.3740, 0.2581, 0.2738



54.0903, 0.2467, 0.2605



45.0022, 0.2553, 0.2301



18.6774, 0.2979, 0.3152



9.9871, 0.1712, 0.1364



1.1850, 0.1773, 0.1583

Previews

White Background



This preview shows how the Yxy color 74.3051, 0.3746, 0.3784 looks on a white background.

Color Contrast Check

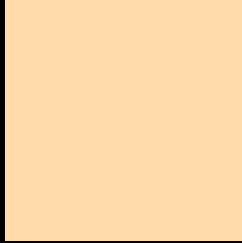
Large Text (above 18pt) WCAG AA × Fail

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 74.3051, 0.3746, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

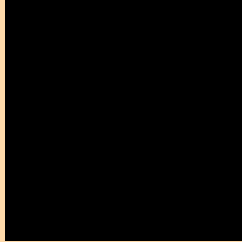
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3051, 0.3746, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 74.3051, 0.3746, 0.3784.



This preview shows how white text looks on a background with the Yxy color 74.3051, 0.3746, 0.3784.

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

74.3051, 0.3746, 0.3784

Protanopia

74.6792, 0.3584, 0.3835

Deuteranopia

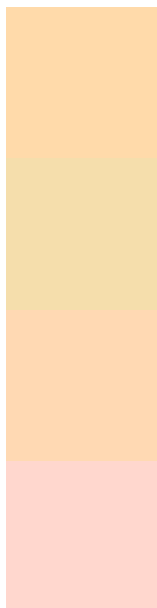
74.3464, 0.3647, 0.3630



Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.3051, 0.3746, 0.3784

Protanomaly

74.6336, 0.3642, 0.3817

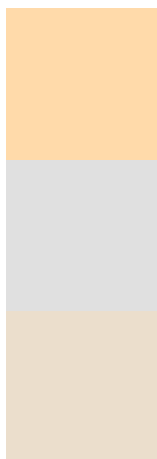
Deuteranomaly

74.1404, 0.3684, 0.3682

Tritanomaly

74.3171, 0.3490, 0.3383

Monochromacy



Original Color

74.3051, 0.3746, 0.3784

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.2644, 0.3343, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3051, 0.3746, 0.3784 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, 218, 170)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 170)  
}
```

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, 218, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 170) }
```

Border

The CSS property to change the border of an element to Yxy 74.3051, 0.3746, 0.3784 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, 218, 170) }
```

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

```
.border{ border-color:rgb(255, 218, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 218, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 170);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3051, 0.3746, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 170) }
```

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

```
.background{ background-color: rgb(255,  
218, 170) }
```

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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