

Converting Colors

$Yxy(74.3441, 0.3768, 0.3818)$

Have a look what the booklet for
Yxy(74.3441, 0.3768, 0.3818)
contains.

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Color

Yxy(74.1928, 0.3768, 0.3815)

Conversions

Conversions Part 1

Format	Color
Hex	FFDAA7
RGB	255, 218, 167
RGB Percent	100%, 85%, 65%
CMY	0.0001, 0.1450, 0.3452
CMYK	0.00, 0.14, 0.35, 0.00
HSL	35°, 100%, 83%
HSV	35°, 35%, 100%
XYZ	73.2788, 74.1928, 47.0050
YIQ	223.2490, 38.4230, -8.0170

Conversions

Conversions Part 2

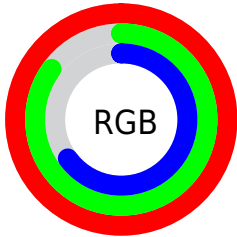
Format	Color
R _Y B	231, 255, 167
Decimal	16767655
CIE Lab	89.01, 5.83, 29.90
CIE LCh	89, 30.465, 78.965
Yxy	74.1928, 0.3768, 0.3815
Android (android.graphics.Color)	4294957735 (0xFFFFDAA7)
YUV	223.2490, -27.7308, 27.8456
Hunter-Lab	86.1352, 1.1205, 27.9394

Details

The Yxy color **74.1928, 0.3768, 0.3815** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **58.5882, 0.2559, 0.2698**, and the grayscale version is **74.1580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **39.3025, 0.3912, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **67.9676, 0.3996, 0.3967**, and if you desaturate by 10%, it is **80.9697, 0.3558, 0.3658**.

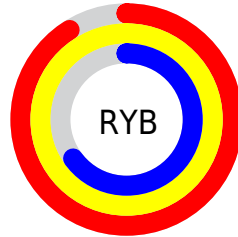
Distribution



Red (100%)

Green (85%)

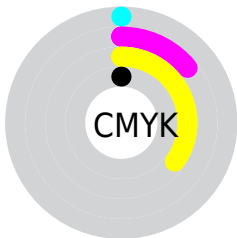
Blue (65%)



Red (91%)

Yellow (100%)

Blue (65%)

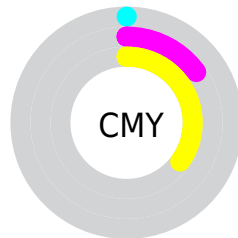


Cyan (0%)

Magenta (14%)

Yellow (35%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.1928, 0.3768, 0.3815 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 74.1928, 0.3768, 0.3815 by changing the saturation by 10% instead.


 74.1928, 0.3768,
0.3815

 74.1928, 0.3768,
0.3815


475.1385, 0.3473,
0.3579

 54.9519, 0.3834,
0.3866


 125.1691, 0.3667,
0.3735

 39.3632, 0.3915,
0.3928

 157.6732, 0.3627,
0.3703

 27.0424, 0.4015,
0.4004


195.3672, 0.3593,
0.3676

 17.6050, 0.4143,
0.4098

238.6354, 0.3563,
0.3652

 10.6668, 0.4310,
0.4216

287.8622, 0.3536,
0.3631

 5.8433, 0.4533,
0.4364

343.4321, 0.3513,

 2.7500, 0.4981,

0.3612

0.4677

405.7294, 0.3492,
0.3595

■ 1.0027, 0.5268,
0.4732

■ 0.0000, 1.0000,
0.0000

■ 74.1928, 0.3768,
0.3815

■ 74.1928, 0.3768,
0.3815

■ 67.9676, 0.3996,
0.3967

■ 80.9697, 0.3558,
0.3658

■ 62.2661, 0.4237,
0.4105

■ 88.3046, 0.3367,
0.3503

■ 57.0727, 0.4481,
0.4218

■ 96.2167, 0.3197,
0.3354

■ 52.3666, 0.4718,
0.4293

99.9960, 0.3127,
0.3290

■ 48.1245, 0.4932,
0.4318

■ 44.3192, 0.5112,
0.4289

■ 42.3991, 0.5198,
0.4255

Harmonies

Analogous

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



74.1928, 0.3855, 0.3563



74.1928, 0.3768, 0.3815



74.1928, 0.3506, 0.3942

Triad

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



74.1928, 0.3768, 0.3815



74.1928, 0.2552, 0.3270



74.1928, 0.3068, 0.2783

Complementary

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



74.1928, 0.3768, 0.3815



58.5882, 0.2559, 0.2698

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.



74.1928, 0.2734, 0.2695



74.1928, 0.3768, 0.3815



74.1928, 0.2450, 0.2951

Square

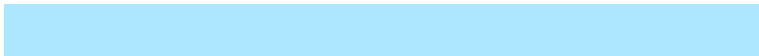
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1928, 0.3768, 0.3815



74.1928, 0.2804, 0.3622



74.1928, 0.2514, 0.2750



74.1928, 0.3438, 0.2986

Rectangle

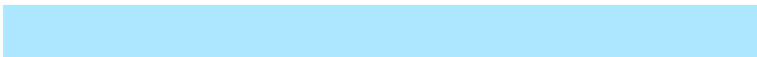
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1928, 0.3768, 0.3815



74.1928, 0.3274, 0.3922



74.1928, 0.2514, 0.2750



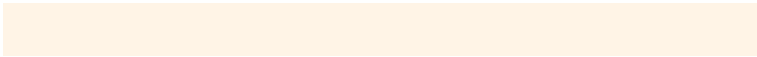
74.1928, 0.2948, 0.2739

Sweetspot

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



74.1962, 0.3768, 0.3815



91.8208, 0.3288, 0.3435



53.2977, 0.3591, 0.2896



19.4175, 0.3312, 0.3456



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.



74.1962, 0.3768, 0.3815



70.1083, 0.3914, 0.3915



94.4561, 0.3609, 0.4166



19.7372, 0.3280, 0.3428



22.4605, 0.5177, 0.4271



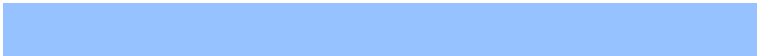
2.4031, 0.5034, 0.4385

Inverse Universe

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



58.5882, 0.2559, 0.2698



52.4922, 0.2447, 0.2565



43.7135, 0.2539, 0.2262



18.6316, 0.2979, 0.3148



9.5582, 0.1700, 0.1318



1.1410, 0.1761, 0.1540

Previews

White Background



This preview shows how the Yxy color 74.1928, 0.3768, 0.3815 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 74.1928, 0.3768, 0.3815 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

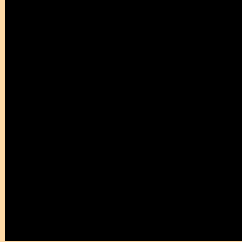
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.1928, 0.3768, 0.3815

Background



This preview shows how black text looks on a background with the Yxy color 74.1928, 0.3768, 0.3815.

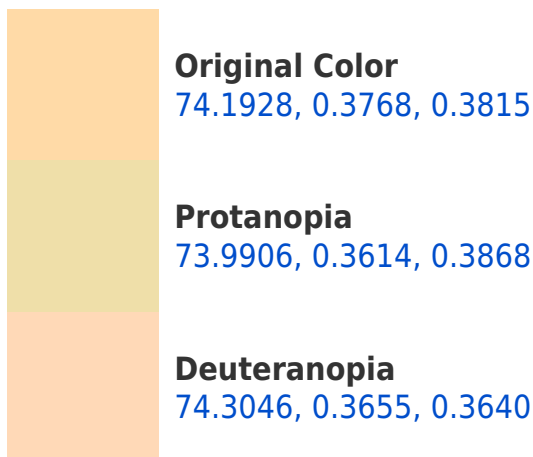


This preview shows how white text looks on a background with the Yxy color 74.1928, 0.3768, 0.3815.

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

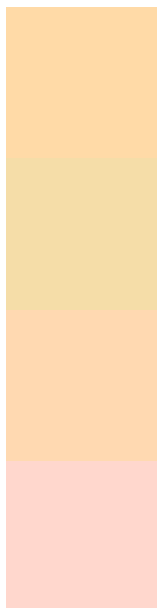




Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.1928, 0.3768, 0.3815

Protanomaly

73.9525, 0.3674, 0.3849

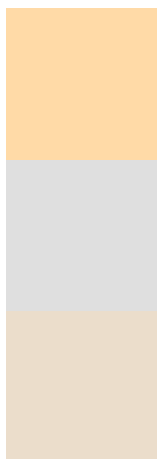
Deuteranomaly

74.0600, 0.3699, 0.3702

Tritanomaly

74.2687, 0.3498, 0.3393

Monochromacy



Original Color

74.1928, 0.3768, 0.3815

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.6869, 0.3351, 0.3483

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.1928, 0.3768, 0.3815 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, 167)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 167)  
}
```

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, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 167) }
```

Border

The CSS property to change the border of an element to Yxy 74.1928, 0.3768, 0.3815 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, 167) }
```

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

```
.border{ border-color:rgb(255, 218, 167) }
```

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, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 218, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 218, 167); box-shadow:4px 4px 4px 4px rgb(255, 218, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 74.1928, 0.3768, 0.3815 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, 167) }
```

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

```
.background{ background-color: rgb(255,  
218, 167) }
```

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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