

# Converting Colors

$Yxy(73.9408, 0.3598, 0.3541)$

Have a look what the booklet for  
Yxy(73.9408, 0.3598, 0.3541)  
contains.

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# Color

**Yxy(74.1333, 0.3599, 0.3548)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD8BF
RGB	255, 216, 191
RGB Percent	100%, 85%, 75%
CMY	0.0000, 0.1529, 0.2511
CMYK	0.00, 0.15, 0.25, 0.00
HSL	23°, 100%, 87%
HSV	23°, 25%, 100%
XYZ	75.1989, 74.1333, 59.6117
YIQ	224.8110, 31.2690, 0.4930

# Conversions

## Conversions Part 2

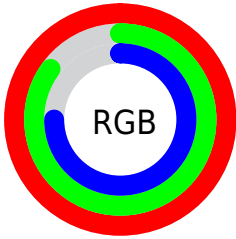
Format	Color
<b>RYB</b>	255, 232, 191
Decimal	16767167
CIELab	88.99, 9.92, 17.40
CIELCh	89, 20.026, 60.299
Yxy	74.1333, 0.3599, 0.3548
Android (android.graphics.Color)	4294957247 (0xFFFFD8BF)
YUV	224.8110, -16.6688, 26.4758
Hunter-Lab	86.1007, 5.2227, 19.2211

# Details

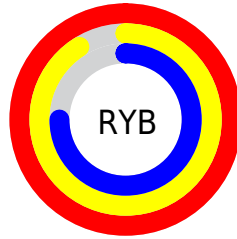
The Yxy color **74.1333, 0.3599, 0.3548** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.8589, 0.2733, 0.3017**, and the grayscale version is **75.2558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **39.3305, 0.3711, 0.3594** is the 20% darker color. If you saturate the color by 10%, you get **65.5243, 0.3841, 0.3656**, and if you desaturate by 10%, it is **83.6923, 0.3389, 0.3441**.

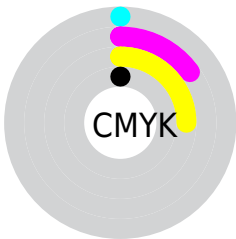
# Distribution



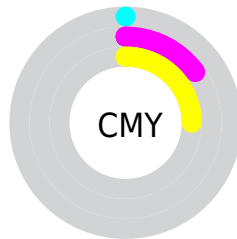
- Red (100%)
- Green (85%)
- Blue (75%)



- Red (100%)
- Yellow (91%)
- Blue (75%)



- Cyan (0%)
- Magenta (15%)
- Yellow (25%)
- Black (0%)




- Cyan (0%)
- Magenta (15%)
- Yellow (25%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.1333, 0.3599, 0.3548 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 74.1333, 0.3599, 0.3548 by changing the saturation by 10% instead.




 74.1333, 0.3599,  
0.3548

 74.1333, 0.3599,  
0.3548


474.9333, 0.3380,  
0.3433

 54.9031, 0.3649,  
0.3573


 125.0848, 0.3523,  
0.3509

 39.3242, 0.3711,  
0.3604


157.5748, 0.3493,  
0.3494

 27.0120, 0.3789,  
0.3641


195.2537, 0.3468,  
0.3480

 17.5822, 0.3891,  
0.3688

238.5057, 0.3446,  
0.3468

 10.6505, 0.4029,  
0.3749

287.7153, 0.3426,  
0.3458

 5.8323, 0.4226,  
0.3828

343.2668, 0.3409,

 2.7434, 0.4525,

0.3449

0.3932

405.5447, 0.3394,  
0.3440

0.9993, 0.5532,  
0.4468

0.0000, 1.0000,  
0.0000

74.1333, 0.3599,  
0.3548

74.1333, 0.3599,  
0.3548

65.5243, 0.3841,  
0.3656

83.6923, 0.3389,  
0.3441

57.8303, 0.4117,  
0.3761

94.2265, 0.3209,  
0.3340

51.0199, 0.4423,  
0.3853

100.0000, 0.3127,  
0.3290

45.0584, 0.4750,  
0.3921

■ 39.9079, 0.5080,  
0.3952

■ 35.5272, 0.5388,  
0.3934

■ 31.8695, 0.5647,  
0.3862

■ 30.3229, 0.5755,  
0.3813

# Harmonies

## Analogous

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



74.1333, 0.3569, 0.3356



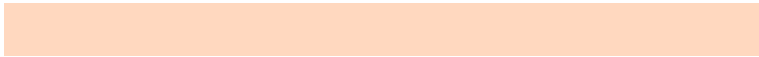
74.1333, 0.3599, 0.3548



74.1333, 0.3497, 0.3682

# Triad

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



74.1333, 0.3599, 0.3548



74.1333, 0.2841, 0.3424



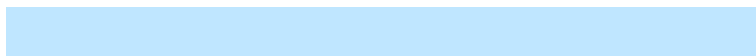
74.1333, 0.2946, 0.2901

# Complementary

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



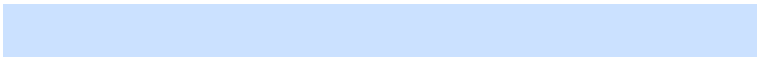
74.1333, 0.3599, 0.3548



74.8589, 0.2733, 0.3017

# 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.



74.1333, 0.2763, 0.2905



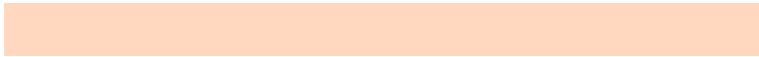
74.1333, 0.3599, 0.3548



74.1333, 0.2704, 0.3198

# Square

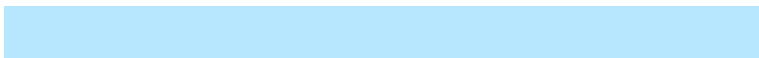
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.1333, 0.3599, 0.3548



74.1333, 0.3057, 0.3617



74.1333, 0.2676, 0.3009



74.1333, 0.3185, 0.2992



# Rectangle

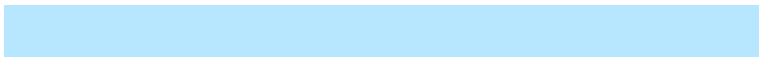
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.1333, 0.3599, 0.3548



74.1333, 0.3372, 0.3716



74.1333, 0.2676, 0.3009



74.1333, 0.2876, 0.2891

# Sweetspot

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



74.1347, 0.3599, 0.3548



91.0843, 0.3258, 0.3368



64.2426, 0.3341, 0.2892



19.1522, 0.3284, 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.



74.1347, 0.3599, 0.3548



69.8110, 0.3713, 0.3601



91.8651, 0.3525, 0.3852



19.1522, 0.3284, 0.3383



16.1137, 0.5725, 0.3836

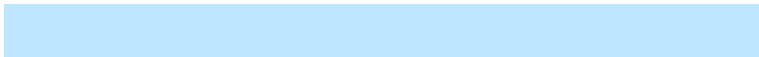


1.7740, 0.5515, 0.4003

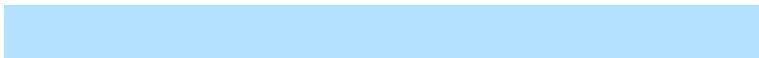


# Inverse Universe

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



74.8589, 0.2733, 0.3017



70.6382, 0.2656, 0.2955



58.8766, 0.2700, 0.2658



19.2188, 0.2979, 0.3195



16.3677, 0.1876, 0.1952

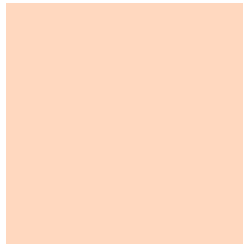


1.8064, 0.1922, 0.2120



# Previews

## White Background



This preview shows how the Yxy color 74.1333, 0.3599, 0.3548 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 74.1333, 0.3599, 0.3548 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

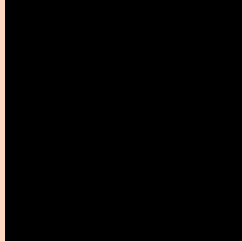
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 74.1333, 0.3599, 0.3548**

## Background



This preview shows how black text looks on a background with the Yxy color 74.1333, 0.3599, 0.3548.

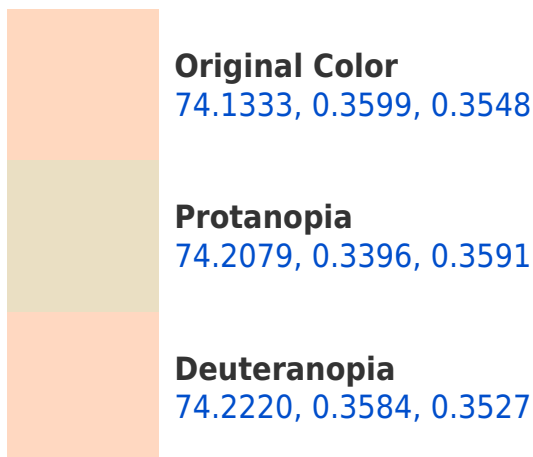


This preview shows how white text looks on a background with the Yxy color 74.1333, 0.3599, 0.3548.

# 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

74.3946, 0.3341, 0.3150

# Trichromacy



**Original Color**

74.1333, 0.3599, 0.3548

**Protanomaly**

73.9587, 0.3469, 0.3565

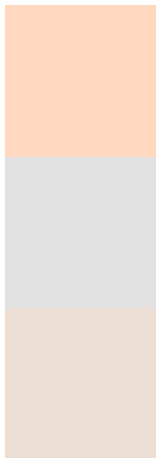
**Deuteranomaly**

74.1775, 0.3591, 0.3537

**Tritanomaly**

74.2082, 0.3434, 0.3291

# Monochromacy



**Original Color**

74.1333, 0.3599, 0.3548

**Achromatopsia**

75.2942, 0.3127, 0.3290

**Achromatomaly**

74.8795, 0.3288, 0.3386

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.1333, 0.3599, 0.3548 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, 216, 191)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 191)  
}
```

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, 216, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 191) }
```

## Border

The CSS property to change the border of an element to Yxy 74.1333, 0.3599, 0.3548 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, 216, 191) }
```

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

```
.border{ border-color:rgb(255, 216, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 191);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
191) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.1333, 0.3599, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 191) }
```

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

```
.background{ background-color: rgb(255,  
216, 191) }
```

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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