

# Converting Colors

$Yxy(73.8252, 0.3617, 0.3567)$

Have a look what the booklet for  
Yxy(73.8252, 0.3617, 0.3567)  
contains.

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# Color

**Yxy(74.0459, 0.3613, 0.3568)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD8BD
RGB	255, 216, 189
RGB Percent	100%, 85%, 74%
CMY	0.0001, 0.1529, 0.2587
CMYK	0.00, 0.15, 0.26, 0.00
HSL	25°, 100%, 87%
HSV	25°, 26%, 100%
XYZ	74.9798, 74.0459, 58.5021
YIQ	224.5830, 31.9110, -0.1290

# Conversions

## Conversions Part 2

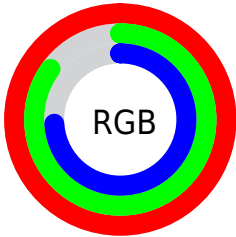
Format	Color
RYB	255, 235, 189
Decimal	16767165
CIELab	88.94, 9.65, 18.35
CIELCh	89, 20.729, 62.253
Yxy	74.0459, 0.3613, 0.3568
Android (android.graphics.Color)	4294957245 (0xFFFFD8BD)
YUV	224.5830, -17.5424, 26.6757
Hunter-Lab	86.0499, 4.9490, 19.9259

# Details

The Yxy color **74.0459, 0.3613, 0.3568** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **73.5336, 0.2719, 0.2994**, and the grayscale version is **75.0938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **39.1376, 0.3721, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **65.6663, 0.3855, 0.3681**, and if you desaturate by 10%, it is **83.3351, 0.3403, 0.3456**.

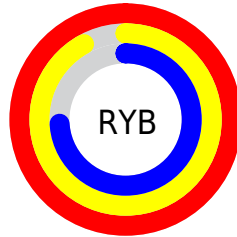
# Distribution



Red (100%)

Green (85%)

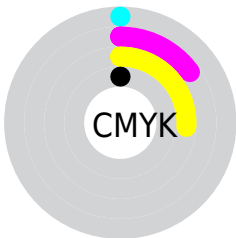
Blue (74%)



Red (100%)

Yellow (92%)

Blue (74%)

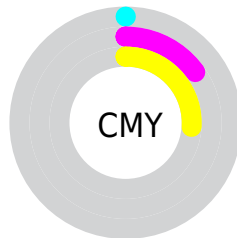


Cyan (0%)

Magenta (15%)

Yellow (26%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.0459, 0.3613, 0.3568 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 74.0459, 0.3613, 0.3568 by changing the saturation by 10% instead.




 74.0459, 0.3613,  
0.3568

 74.0459, 0.3613,  
0.3568

474.6318, 0.3387,  
0.3444

 54.8316, 0.3665,  
0.3595

 124.9609, 0.3535,  
0.3526

 39.2669, 0.3728,  
0.3628


157.4303, 0.3504,  
0.3509

 26.9674, 0.3809,  
0.3668


195.0870, 0.3478,  
0.3495

 17.5488, 0.3913,  
0.3719

238.3152, 0.3455,  
0.3482

 10.6265, 0.4055,  
0.3785

287.4994, 0.3435,  
0.3471

 5.8163, 0.4256,  
0.3870

343.0240, 0.3417,

 2.7337, 0.4560,

0.3461

0.3982

405.2733, 0.3402,  
0.3452

0.9943, 0.5516,  
0.4484

0.0000, 1.0000,  
0.0000

74.0459, 0.3613,  
0.3568

74.0459, 0.3613,  
0.3568

65.6663, 0.3855,  
0.3681

83.3351, 0.3403,  
0.3456

58.1570, 0.4129,  
0.3790

93.5513, 0.3221,  
0.3350

51.4905, 0.4430,  
0.3885

99.9972, 0.3127,  
0.3290

45.6338, 0.4750,  
0.3955

■ 40.5512, 0.5070,  
0.3987

■ 36.2036, 0.5366,  
0.3968

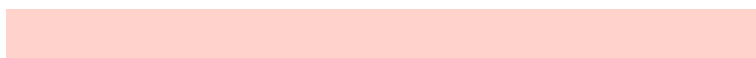
■ 32.5464, 0.5614,  
0.3894

■ 31.2178, 0.5704,  
0.3853

# Harmonies

## Analogous

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



74.0459, 0.3591, 0.3371



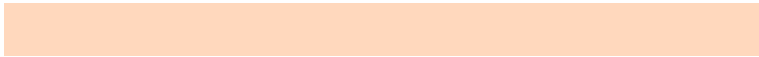
74.0459, 0.3613, 0.3568



74.0459, 0.3499, 0.3702

# Triad

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



74.0459, 0.3613, 0.3568



74.0459, 0.2819, 0.3414



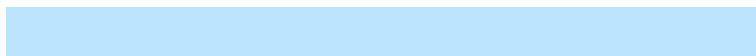
74.0459, 0.2954, 0.2891

# Complementary

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



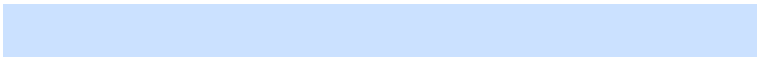
74.0459, 0.3613, 0.3568



73.5336, 0.2719, 0.2994

# 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.



74.0459, 0.2760, 0.2888



74.0459, 0.3613, 0.3568



74.0459, 0.2684, 0.3179

# Square

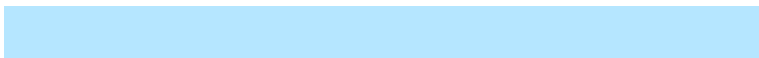
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.0459, 0.3613, 0.3568



74.0459, 0.3038, 0.3619



74.0459, 0.2663, 0.2989



74.0459, 0.3203, 0.2991



# Rectangle

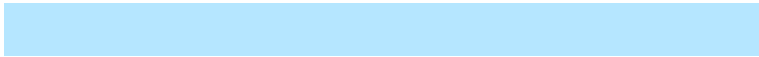
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.0459, 0.3613, 0.3568



74.0459, 0.3365, 0.3732



74.0459, 0.2663, 0.2989



74.0459, 0.2881, 0.2879

# Sweetspot

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



74.0493, 0.3613, 0.3568



91.3029, 0.3258, 0.3372



63.3015, 0.3357, 0.2890



19.2071, 0.3284, 0.3388



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.



74.0493, 0.3613, 0.3568



69.6430, 0.3733, 0.3626



92.3077, 0.3535, 0.3879



19.2071, 0.3284, 0.3388



16.5900, 0.5675, 0.3876

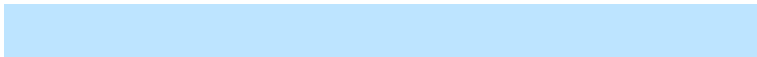


1.8238, 0.5469, 0.4039

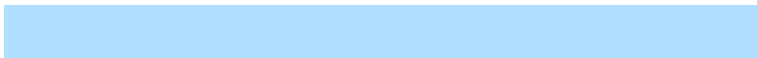


# Inverse Universe

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



73.5336, 0.2719, 0.2994



69.0413, 0.2638, 0.2926



57.3542, 0.2685, 0.2623



19.1624, 0.2979, 0.3190



15.5879, 0.1858, 0.1888

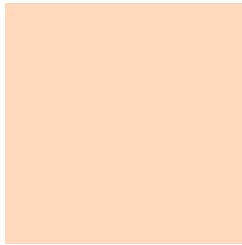


1.7328, 0.1907, 0.2064



# Previews

## White Background



This preview shows how the Yxy color 74.0459, 0.3613, 0.3568 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

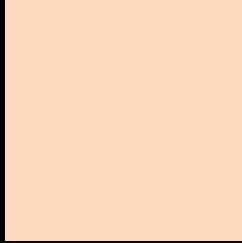
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.0459, 0.3613, 0.3568 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

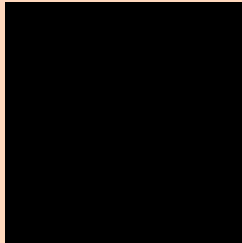
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 74.0459, 0.3613, 0.3568**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.0459, 0.3613, 0.3568.



This preview shows how white text looks on a background with the Yxy color 74.0459, 0.3613, 0.3568.

# 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

74.0459, 0.3613, 0.3568

### Protanopia

74.2878, 0.3417, 0.3612

### Deuteranopia

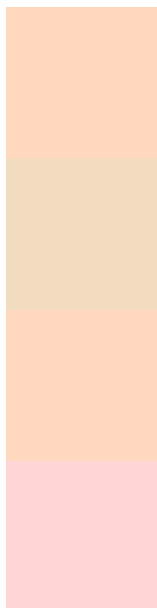
74.1775, 0.3591, 0.3537



## Tritanopia

73.8380, 0.3349, 0.3150

# Trichromacy



## Original Color

74.0459, 0.3613, 0.3568

## Protanomaly

73.8694, 0.3483, 0.3587

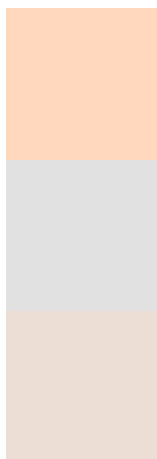
## Deuteranomaly

74.1333, 0.3599, 0.3548

## Tritanomaly

73.6526, 0.3443, 0.3291

# Monochromacy



## Original Color

74.0459, 0.3613, 0.3568

## Achromatopsia

75.2942, 0.3127, 0.3290

## Achromatomaly

74.8289, 0.3295, 0.3396

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.0459, 0.3613, 0.3568 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, 189)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 189)  
}
```

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, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 189) }
```

## Border

The CSS property to change the border of an element to Yxy 74.0459, 0.3613, 0.3568 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, 189) }
```

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

```
.border{ border-color:rgb(255, 216, 189) }
```

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, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 189);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
189) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.0459, 0.3613, 0.3568 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, 189) }
```

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

```
.background{ background-color: rgb(255,  
216, 189) }
```

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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