

# Converting Colors

$Y_{xy}(73.9150, 0.3574, 0.3503)$

Have a look what the booklet for  
Yxy(73.9150, 0.3574, 0.3503)  
contains.

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# Color

**Yxy(73.8010, 0.3571, 0.3496)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD7C3
RGB	255, 215, 195
RGB Percent	100%, 84%, 76%
CMY	0.0001, 0.1568, 0.2352
CMYK	0.00, 0.16, 0.24, 0.00
HSL	20°, 100%, 88%
HSV	20°, 24%, 100%
XYZ	75.3843, 73.8010, 61.9160
YIQ	224.6800, 30.2600, 2.2600

# Conversions

## Conversions Part 2

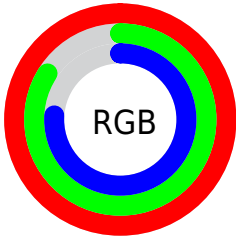
Format	Color
R <sub>Y</sub> B	255, 225, 195
Decimal	16766915
CIE Lab	88.83, 10.98, 15.04
CIE LCh	89, 18.624, 53.876
Yxy	73.8010, 0.3571, 0.3496
Android (android.graphics.Color)	4294956995 (0xFFFFD7C3)
YUV	224.6800, -14.6322, 26.5906
Hunter-Lab	85.9075, 6.2965, 17.4033

# Details

The Yxy color **73.8010, 0.3571, 0.3496** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.2280, 0.2761, 0.3074**, and the grayscale version is **75.1453, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **39.0705, 0.3686, 0.3541** is the 20% darker color. If you saturate the color by 10%, you get **64.5367, 0.3817, 0.3589**, and if you desaturate by 10%, it is **84.1680, 0.3361, 0.3405**.

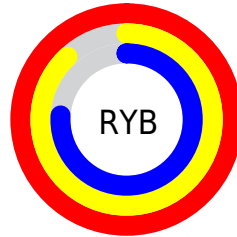
# Distribution



Red (100%)

Green (84%)

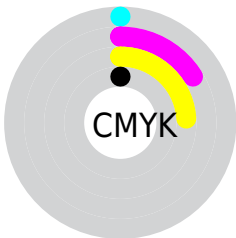
Blue (76%)



Red (100%)

Yellow (88%)

Blue (76%)

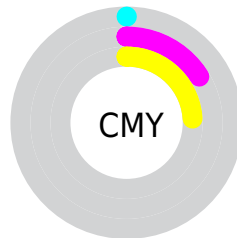


Cyan (0%)

Magenta (16%)

Yellow (24%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 73.8010, 0.3571, 0.3496 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 73.8010, 0.3571, 0.3496 by changing the saturation by 10% instead.



 73.8010, 0.3571,  
0.3496

 73.8010, 0.3571,  
0.3496


473.7863, 0.3365,  
0.3405

 54.6312, 0.3618,  
0.3516


124.6137, 0.3499,  
0.3465

 39.1065, 0.3677,  
0.3540


157.0253, 0.3471,  
0.3453

 26.8426, 0.3751,  
0.3569

194.6197, 0.3447,  
0.3442

 17.4550, 0.3848,  
0.3607

237.7812, 0.3426,  
0.3433

 10.5595, 0.3980,  
0.3654

286.8942, 0.3408,  
0.3425

 5.7714, 0.4170,  
0.3717

342.3431, 0.3392,

 2.7066, 0.4461,

0.3417

0.3798

404.5123, 0.3377,  
0.3411

0.9805, 0.5571,  
0.4373

0.0000, 1.0000,  
0.0000

73.8010, 0.3571,  
0.3496

73.8010, 0.3571,  
0.3496

64.5367, 0.3817,  
0.3589

84.1680, 0.3361,  
0.3405

56.3278, 0.4102,  
0.3680

95.6629, 0.3183,  
0.3319

49.1379, 0.4423,  
0.3760

99.9941, 0.3127,  
0.3290

42.9249, 0.4773,  
0.3819

■ 37.6433, 0.5132,  
0.3845

■ 33.2434, 0.5472,  
0.3825

■ 29.6694, 0.5760,  
0.3755

■ 27.7555, 0.5911,  
0.3689

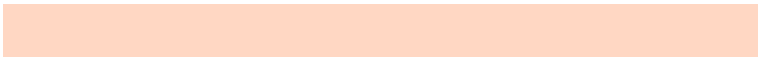
# Harmonies

## Analogous

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



73.8010, 0.3516, 0.3311



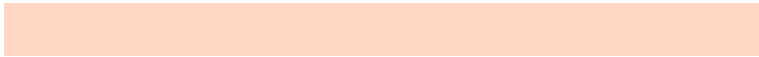
73.8010, 0.3571, 0.3496



73.8010, 0.3502, 0.3636

# Triad

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



73.8010, 0.3571, 0.3496



73.8010, 0.2899, 0.3458



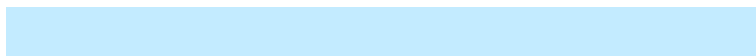
73.8010, 0.2916, 0.2919

# Complementary

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



73.8010, 0.3571, 0.3496



78.2280, 0.2761, 0.3074

# 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.



73.8010, 0.2761, 0.2944



73.8010, 0.3571, 0.3496



73.8010, 0.2752, 0.3249

# Square

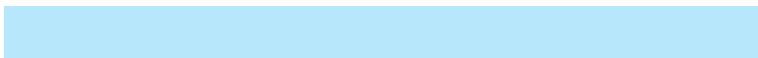
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.8010, 0.3571, 0.3496



73.8010, 0.3110, 0.3622



73.8010, 0.2702, 0.3061



73.8010, 0.3132, 0.2987



# Rectangle

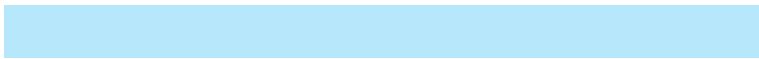
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.8010, 0.3571, 0.3496



73.8010, 0.3396, 0.3682



73.8010, 0.2702, 0.3061



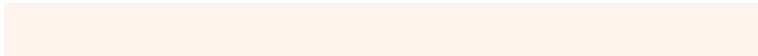
73.8010, 0.2855, 0.2917

# Sweetspot

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



73.8044, 0.3571, 0.3496



91.5459, 0.3242, 0.3348



66.2933, 0.3301, 0.2890



19.4443, 0.3252, 0.3353



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.



73.8044, 0.3571, 0.3496



69.5289, 0.3677, 0.3538



90.4870, 0.3505, 0.3787



18.9767, 0.3286, 0.3370



14.7507, 0.5881, 0.3712

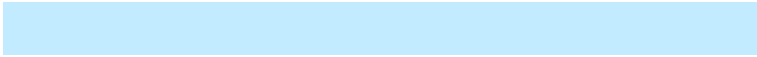


1.6276, 0.5662, 0.3886

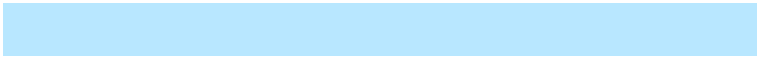


# Inverse Universe

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



78.2280, 0.2761, 0.3074



74.6188, 0.2692, 0.3027



62.4940, 0.2734, 0.2738



19.4008, 0.2980, 0.3209



19.0733, 0.1933, 0.2158

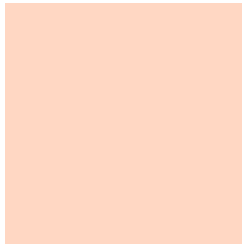


2.0582, 0.1973, 0.2302



# Previews

## White Background



This preview shows how the Yxy color 73.8010, 0.3571, 0.3496 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 73.8010, 0.3571, 0.3496 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 73.8010, 0.3571, 0.3496**

## **Background**



This preview shows how black text looks on a background with the Yxy color 73.8010, 0.3571, 0.3496.

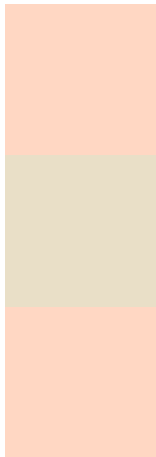


This preview shows how white text looks on a background with the Yxy color 73.8010, 0.3571, 0.3496.

# 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

73.8010, 0.3571, 0.3496

### Protanopia

74.2225, 0.3361, 0.3548

### Deuteranopia

73.8010, 0.3571, 0.3496



## Tritanopia

73.8380, 0.3349, 0.3150

# Trichromacy



**Original Color**

73.8010, 0.3571, 0.3496

**Protanomaly**

73.9644, 0.3433, 0.3523

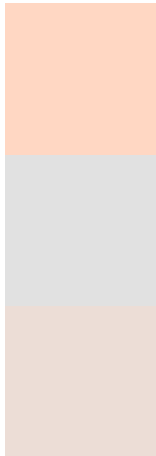
**Deuteranomaly**

73.8010, 0.3571, 0.3496

**Tritanomaly**

73.7548, 0.3428, 0.3271

# Monochromacy



**Original Color**

73.8010, 0.3571, 0.3496

**Achromatopsia**

75.2942, 0.3127, 0.3290

**Achromatomaly**

74.4008, 0.3282, 0.3364

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 73.8010, 0.3571, 0.3496 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, 215, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 195)  
}
```

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, 215, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 195) }
```

## Border

The CSS property to change the border of an element to Yxy 73.8010, 0.3571, 0.3496 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, 215, 195) }
```

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

```
.border{ border-color:rgb(255, 215, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 215, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 215, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 215, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 215,  
195) }
```



# Background

The CSS property to change the background color of an element to Yxy 73.8010, 0.3571, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 215, 195) }
```

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

```
.background{ background-color: rgb(255,  
215, 195) }
```

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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