

# Converting Colors

Yxy(124.0183, 0.4842, 0.3441)

Have a look what the booklet for  
Yxy(124.0183, 0.4842, 0.3441)  
contains.

<b>Yxy(71.9348, 0.3639, 0.3549)</b> .....	3
<b>Conversions</b> .....	4
<b>Details</b> .....	6
<b>Harmonies</b> .....	12
<b>Previews</b> .....	24
<b>Color Blindness Simulation</b> .....	27
<b>CSS Examples</b> .....	30

# Color

**Yxy(71.9348, 0.3639, 0.3549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FFD4BB
RGB	255, 212, 187
RGB Percent	100%, 83%, 73%
CMY	0.0000, 0.1686, 0.2668
CMYK	0.00, 0.17, 0.27, 0.00
HSL	22°, 100%, 87%
HSV	22°, 27%, 100%
XYZ	73.7590, 71.9348, 56.9965
YIQ	222.0070, 33.6530, 1.3410

# Conversions

## Conversions Part 2

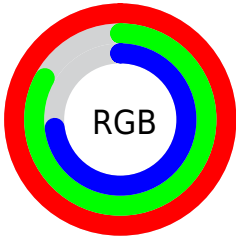
Format	Color
R <sub>Y</sub> B	255, 227, 187
Decimal	16766139
CIE Lab	87.94, 11.47, 18.02
CIE LCh	88, 21.358, 57.517
Yxy	71.9348, 0.3639, 0.3549
Android (android.graphics.Color)	4294956219 (0xFFFFD4BB)
YUV	222.0070, -17.2585, 28.9349
Hunter-Lab	84.8144, 6.8077, 19.5263

# Details

The Yxy color **71.9348, 0.3639, 0.3549** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.3635, 0.2710, 0.3015**, and the grayscale version is **73.1544, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **37.7055, 0.3756, 0.3596** is the 20% darker color. If you saturate the color by 10%, you get **63.2744, 0.3891, 0.3651**, and if you desaturate by 10%, it is **81.5890, 0.3421, 0.3448**.

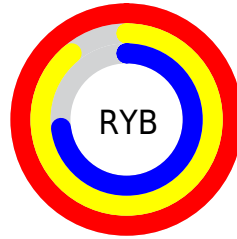
# Distribution



Red (100%)

Green (83%)

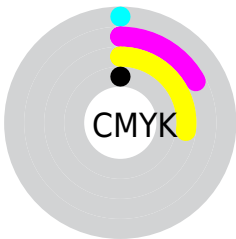
Blue (73%)



Red (100%)

Yellow (89%)

Blue (73%)

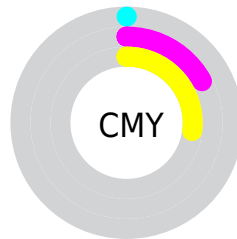


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (17%)


Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 71.9348, 0.3639, 0.3549 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 71.9348, 0.3639, 0.3549 by changing the saturation by 10% instead.




 71.9348, 0.3639,  
0.3549

 71.9348, 0.3639,  
0.3549


467.3146, 0.3400,  
0.3434

 53.1054, 0.3694,  
0.3574


 121.9638, 0.3556,  
0.3510

 37.8869, 0.3762,  
0.3604


153.9323, 0.3523,  
0.3495

 25.8949, 0.3848,  
0.3641


191.0492, 0.3496,  
0.3481

 16.7451, 0.3961,  
0.3688

233.6989, 0.3471,  
0.3469

 10.0529, 0.4115,  
0.3747

282.2660, 0.3450,  
0.3459

 5.4340, 0.4334,  
0.3823

337.1347, 0.3432,

 2.5041, 0.4670,

0.3450

0.3918

398.6894, 0.3415,  
0.3441

0.8787, 0.5660,  
0.4340

0.0000, 1.0000,  
0.0000

71.9348, 0.3639,  
0.3549

71.9348, 0.3639,  
0.3549

63.2744, 0.3891,  
0.3651

81.5890, 0.3421,  
0.3448

55.5812, 0.4178,  
0.3748

92.2762, 0.3236,  
0.3351

48.8171, 0.4497,  
0.3832

100.0000, 0.3127,  
0.3290

42.9438, 0.4836,  
0.3890

■ 37.9198, 0.5176,  
0.3909

■ 33.6997, 0.5488,  
0.3878

■ 30.2316, 0.5745,  
0.3795

■ 29.2293, 0.5820,  
0.3761

# Harmonies

## Analogous

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



71.9348, 0.3593, 0.3339



71.9348, 0.3639, 0.3549



71.9348, 0.3541, 0.3703

# Triad

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



71.9348, 0.3639, 0.3549



71.9348, 0.2838, 0.3457



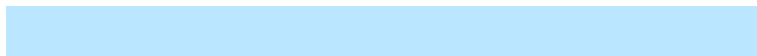
71.9348, 0.2910, 0.2868

# Complementary

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



71.9348, 0.3639, 0.3549



74.3635, 0.2710, 0.3015

# 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.



71.9348, 0.2722, 0.2881



71.9348, 0.3639, 0.3549



71.9348, 0.2681, 0.3212

# Square

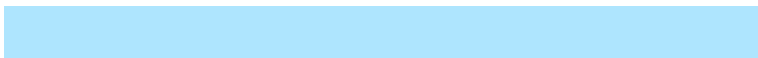
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.9348, 0.3639, 0.3549



71.9348, 0.3075, 0.3659



71.9348, 0.2640, 0.3002



71.9348, 0.3164, 0.2957

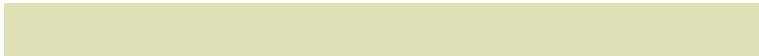


# Rectangle

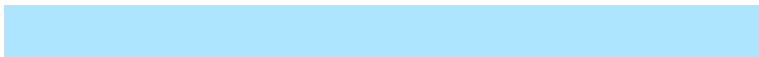
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.9348, 0.3639, 0.3549



71.9348, 0.3411, 0.3748



71.9348, 0.2640, 0.3002



71.9348, 0.2838, 0.2861

# Sweetspot

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



71.9324, 0.3639, 0.3549



90.8011, 0.3258, 0.3364



62.5068, 0.3348, 0.2855



19.0812, 0.3285, 0.3378



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.



71.9324, 0.3639, 0.3549



67.2008, 0.3768, 0.3604



90.7159, 0.3553, 0.3877



19.0812, 0.3285, 0.3378



15.5327, 0.5790, 0.3785

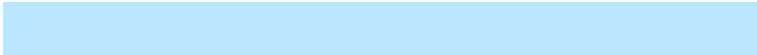


1.7124, 0.5575, 0.3955

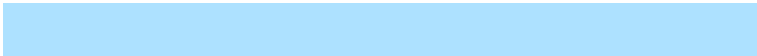


# Inverse Universe

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



74.3635, 0.2710, 0.3015



69.9922, 0.2627, 0.2952



57.2823, 0.2672, 0.2626



19.2921, 0.2979, 0.3200



17.4236, 0.1899, 0.2035



1.9053, 0.1943, 0.2194



# Previews

## White Background



This preview shows how the Yxy color 71.9348, 0.3639, 0.3549 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

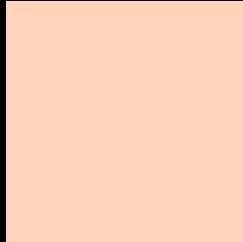
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 71.9348, 0.3639, 0.3549 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 71.9348, 0.3639, 0.3549**

## **Background**



This preview shows how black text looks on a background with the Yxy color 71.9348, 0.3639, 0.3549.



This preview shows how white text looks on a background with the Yxy color 71.9348, 0.3639, 0.3549.

# 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

71.9348, 0.3639, 0.3549

### Protanopia

72.1038, 0.3414, 0.3605

### Deuteranopia

71.7457, 0.3631, 0.3550



## Tritanopia

72.1886, 0.3375, 0.3149

# Trichromacy



**Original Color**

71.9348, 0.3639, 0.3549

**Protanomaly**

71.8687, 0.3488, 0.3579

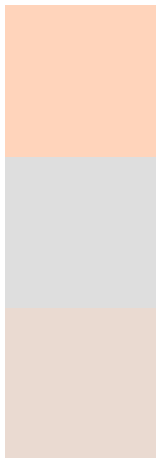
**Deuteranomaly**

71.7457, 0.3631, 0.3550

**Tritanomaly**

72.0063, 0.3470, 0.3291

# Monochromacy



**Original Color**

71.9348, 0.3639, 0.3549

**Achromatopsia**

73.0461, 0.3127, 0.3290

**Achromatomaly**

72.2387, 0.3306, 0.3387

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 71.9348, 0.3639, 0.3549 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, 212, 187)` looks like.

```
.text, #text, p{  
    color:rgb(255, 212, 187)  
}
```

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, 212, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 212, 187) }
```

## Border

The CSS property to change the border of an element to Yxy 71.9348, 0.3639, 0.3549 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, 212, 187) }
```

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

```
.border{ border-color:rgb(255, 212, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 212, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 212, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 212, 187);  
box-shadow:4px 4px 4px 4px rgb(255, 212,  
187) }
```



# Background

The CSS property to change the background color of an element to Yxy 71.9348, 0.3639, 0.3549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 212, 187) }
```

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

```
.background{ background-color: rgb(255,  
212, 187) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor