

Converting Colors

$Y_{xy}(71.5583, 0.3646, 0.3550)$

Have a look what the booklet for
Yxy(71.5583, 0.3646, 0.3550)
contains.

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Color

Yxy(71.3937, 0.3649, 0.3549)

Conversions

Conversions Part 1

Format	Color
Hex	FFD3BA
RGB	255, 211, 186
RGB Percent	100%, 83%, 73%
CMY	0.0000, 0.1726, 0.2706
CMYK	0.00, 0.17, 0.27, 0.00
HSL	22°, 100%, 86%
HSV	22°, 27%, 100%
XYZ	73.4054, 71.3937, 56.3666
YIQ	221.3060, 34.2490, 1.5530

Conversions

Conversions Part 2

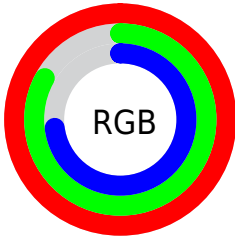
Format	Color
R _Y B	255, 225, 186
Decimal	16765882
CIE Lab	87.68, 11.86, 18.16
CIE LCh	88, 21.692, 56.853
Yxy	71.3937, 0.3649, 0.3549
Android (android.graphics.Color)	4294955962 (0xFFFFD3BA)
YUV	221.3060, -17.4059, 29.5496
Hunter-Lab	84.4948, 7.2071, 19.5939

Details

The Yxy color **71.3937, 0.3649, 0.3549** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **74.2576, 0.2704, 0.3015**, and the grayscale version is **72.6363, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **37.3407, 0.3771, 0.3597** is the 20% darker color. If you saturate the color by 10%, you get **62.7257, 0.3903, 0.3650**, and if you desaturate by 10%, it is **81.0681, 0.3429, 0.3449**.

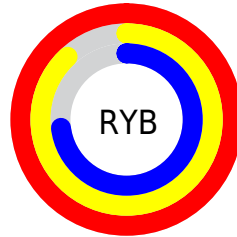
Distribution



Red (100%)

Green (83%)

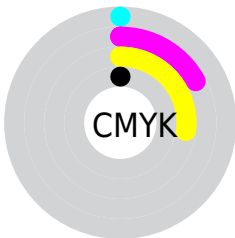
Blue (73%)



Red (100%)

Yellow (88%)

Blue (73%)

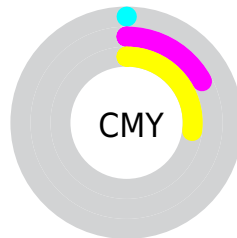


Cyan (0%)

Magenta (17%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (17%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3937, 0.3649, 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 71.3937, 0.3649, 0.3549 by changing the saturation by 10% instead.

 71.3937, 0.3649,
0.3549

 71.3937, 0.3649,
0.3549


465.4285, 0.3405,
0.3434

 52.6635, 0.3705,
0.3574


 121.1941, 0.3564,
0.3510

 37.5342, 0.3775,
0.3604

153.0332, 0.3531,
0.3495

 25.6214, 0.3863,
0.3641

190.0107, 0.3503,
0.3481

 16.5406, 0.3979,
0.3687

232.5111, 0.3478,
0.3469

 9.9075, 0.4136,
0.3746

280.9186, 0.3456,
0.3459

 5.3377, 0.4362,
0.3821

335.6178, 0.3437,

 2.4467, 0.4709,

0.3450

0.3914

396.9930, 0.3420,
0.3441

0.8498, 0.5695,
0.4305

0.0000, 1.0000,
0.0000

71.3937, 0.3649,
0.3549

71.3937, 0.3649,
0.3549

62.7257, 0.3903,
0.3650

81.0681, 0.3429,
0.3449

55.0367, 0.4193,
0.3745

91.7886, 0.3242,
0.3354

48.2878, 0.4515,
0.3826

100.0000, 0.3127,
0.3290

42.4398, 0.4858,
0.3882

■ 37.4503, 0.5200,
0.3898

■ 33.2727, 0.5513,
0.3865

■ 29.8537, 0.5768,
0.3779

■ 28.9778, 0.5835,
0.3749

Harmonies

Analogous

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



71.3937, 0.3599, 0.3335



71.3937, 0.3649, 0.3549



71.3937, 0.3552, 0.3708

Triad

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



71.3937, 0.3649, 0.3549



71.3937, 0.2837, 0.3465



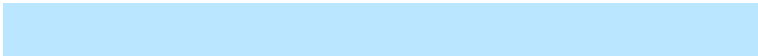
71.3937, 0.2901, 0.2860

Complementary

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



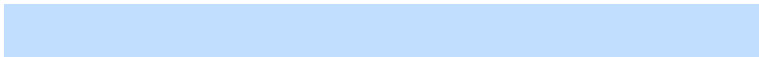
71.3937, 0.3649, 0.3549



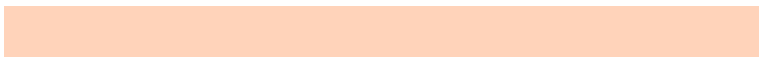
74.2576, 0.2704, 0.3015

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.



71.3937, 0.2711, 0.2876



71.3937, 0.3649, 0.3549



71.3937, 0.2676, 0.3215

Square

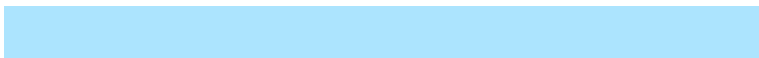
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



71.3937, 0.3649, 0.3549



71.3937, 0.3079, 0.3669



71.3937, 0.2631, 0.3001



71.3937, 0.3158, 0.2949

Rectangle

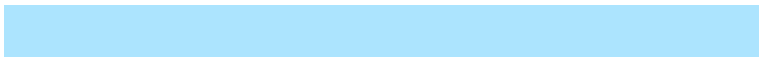
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



71.3937, 0.3649, 0.3549



71.3937, 0.3421, 0.3756



71.3937, 0.2631, 0.3001



71.3937, 0.2828, 0.2853

Sweetspot

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



71.3913, 0.3649, 0.3549



90.7329, 0.3259, 0.3363



62.1402, 0.3343, 0.2838



19.0641, 0.3285, 0.3377



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.



71.3913, 0.3649, 0.3549



66.9842, 0.3770, 0.3599



89.8988, 0.3562, 0.3875



19.0641, 0.3285, 0.3377



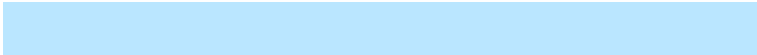
15.3989, 0.5805, 0.3773



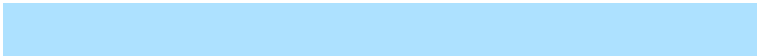
1.6981, 0.5589, 0.3944

Inverse Universe

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



74.2576, 0.2704, 0.3015



70.2402, 0.2628, 0.2957



57.2986, 0.2666, 0.2628



19.3099, 0.2980, 0.3202



17.6857, 0.1904, 0.2055



1.9297, 0.1948, 0.2212

Previews

White Background



This preview shows how the Yxy color 71.3937, 0.3649, 0.3549 looks on a white background.

Color Contrast Check

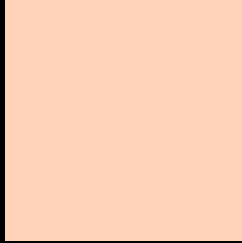
Large Text (above 18pt) WCAG AA × Fail

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 71.3937, 0.3649, 0.3549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

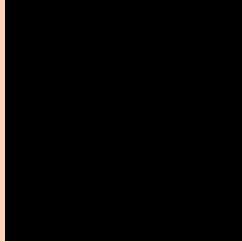
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 71.3937, 0.3649, 0.3549

Background



This preview shows how black text looks on a background with the Yxy color 71.3937, 0.3649, 0.3549.



This preview shows how white text looks on a background with the Yxy color 71.3937, 0.3649, 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

71.3937, 0.3649, 0.3549

Protanopia

71.3697, 0.3415, 0.3607

Deuteranopia

71.5148, 0.3630, 0.3561



Tritanopia

71.6457, 0.3384, 0.3149

Trichromacy



Original Color

71.3937, 0.3649, 0.3549

Protanomaly

71.3111, 0.3497, 0.3579

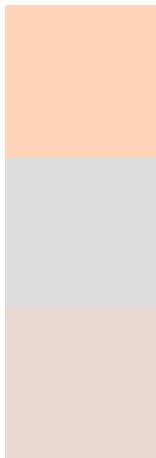
Deuteranomaly

71.7030, 0.3638, 0.3560

Tritanomaly

71.4644, 0.3479, 0.3291

Monochromacy



Original Color

71.3937, 0.3649, 0.3549

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

71.5034, 0.3307, 0.3387

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3937, 0.3649, 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, 211, 186)` looks like.

```
.text, #text, p{  
  color:rgb(255, 211, 186)  
}
```

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, 211, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 211, 186) }
```

Border

The CSS property to change the border of an element to Yxy 71.3937, 0.3649, 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, 211, 186) }
```

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

```
.border{ border-color:rgb(255, 211, 186) }
```

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

Here you see how a box with a 4 pixel rgb(255, 211, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 211, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 211, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 211,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3937, 0.3649, 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, 211, 186) }
```

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

```
.background{ background-color: rgb(255,  
211, 186) }
```

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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