

Converting Colors

$Yxy(98.3486, 0.4403, 0.3495)$

Have a look what the booklet for
Yxy(98.3486, 0.4403, 0.3495)
contains.

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Color

Yxy(72.3937, 0.3643, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	FFD5BA
RGB	255, 213, 186
RGB Percent	100%, 84%, 73%
CMY	0.0001, 0.1647, 0.2704
CMYK	0.00, 0.16, 0.27, 0.00
HSL	23°, 100%, 86%
HSV	23°, 27%, 100%
XYZ	73.8947, 72.3937, 56.5519
YIQ	222.4800, 33.6990, 0.5070

Conversions

Conversions Part 2

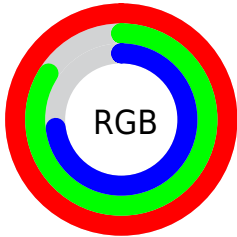
Format	Color
R _Y B	255, 230, 186
Decimal	16766394
CIE Lab	88.16, 10.80, 18.82
CIE LCh	88, 21.697, 60.144
Yxy	72.3937, 0.3643, 0.3569
Android (android.graphics.Color)	4294956474 (0xFFFFD5BA)
YUV	222.4800, -17.9846, 28.5200
Hunter-Lab	85.0845, 6.1270, 20.1517

Details

The Yxy color **72.3937, 0.3643, 0.3569** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **73.1520, 0.2702, 0.2993**, and the grayscale version is **73.5183, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **38.0175, 0.3762, 0.3622** is the 20% darker color. If you saturate the color by 10%, you get **63.9683, 0.3892, 0.3677**, and if you desaturate by 10%, it is **81.7666, 0.3427, 0.3462**.

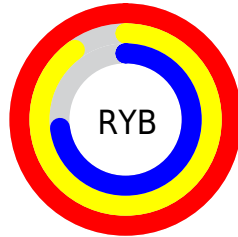
Distribution



Red (100%)

Green (84%)

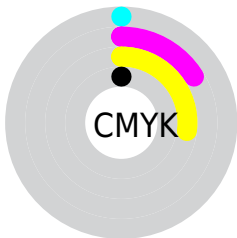
Blue (73%)



Red (100%)

Yellow (90%)

Blue (73%)

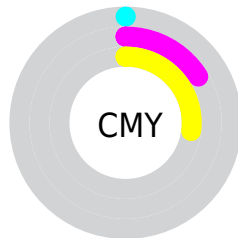


Cyan (0%)

Magenta (16%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.3937, 0.3643, 0.3569 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 72.3937, 0.3643, 0.3569 by changing the saturation by 10% instead.

 72.3937, 0.3643,
0.3569

 72.3937, 0.3643,
0.3569

468.9108, 0.3402,
0.3445

 53.4803, 0.3698,
0.3596


 122.6161, 0.3559,
0.3527

 38.1864, 0.3766,
0.3629


154.6939, 0.3527,
0.3510

 26.1274, 0.3853,
0.3669


191.9287, 0.3499,
0.3496

 16.9189, 0.3966,
0.3719

234.7049, 0.3475,
0.3483

 10.1767, 0.4119,
0.3784

283.4067, 0.3453,
0.3472

 5.5163, 0.4337,
0.3867

338.4188, 0.3434,

 2.5533, 0.4669,

0.3462

0.3972

400.1253, 0.3417,
0.3453

0.9032, 0.5610,
0.4390

0.0000, 1.0000,
0.0000

72.3937, 0.3643,
0.3569

72.3937, 0.3643,
0.3569

63.9683, 0.3892,
0.3677

81.7666, 0.3427,
0.3462

56.4493, 0.4174,
0.3780

92.1067, 0.3241,
0.3359

49.8070, 0.4485,
0.3869

99.9964, 0.3127,
0.3290

44.0059, 0.4814,
0.3931

■ 39.0078, 0.5141,
0.3953

■ 34.7707, 0.5442,
0.3925

■ 31.2459, 0.5689,
0.3843

■ 30.3254, 0.5754,
0.3813

Harmonies

Analogous

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



72.3937, 0.3610, 0.3359



72.3937, 0.3643, 0.3569



72.3937, 0.3532, 0.3717

Triad

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



72.3937, 0.3643, 0.3569



72.3937, 0.2816, 0.3438



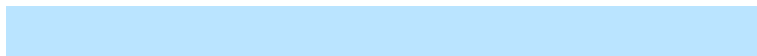
72.3937, 0.2928, 0.2867

Complementary

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



72.3937, 0.3643, 0.3569



73.1520, 0.2702, 0.2993

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.



72.3937, 0.2729, 0.2870



72.3937, 0.3643, 0.3569



72.3937, 0.2667, 0.3189

Square

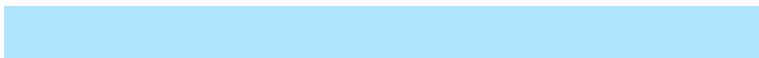
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



72.3937, 0.3643, 0.3569



72.3937, 0.3051, 0.3650



72.3937, 0.2636, 0.2984



72.3937, 0.3188, 0.2965

Rectangle

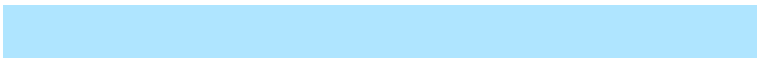
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



72.3937, 0.3643, 0.3569



72.3937, 0.3394, 0.3756



72.3937, 0.2636, 0.2984



72.3937, 0.2852, 0.2856

Sweetspot

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



72.3970, 0.3643, 0.3569



91.0861, 0.3258, 0.3368



62.0212, 0.3361, 0.2860



19.1527, 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.



72.3970, 0.3643, 0.3569



68.1118, 0.3762, 0.3623



91.2861, 0.3557, 0.3896



19.1527, 0.3284, 0.3383



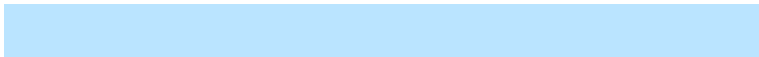
16.1177, 0.5725, 0.3836



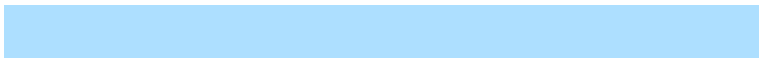
1.7744, 0.5515, 0.4003

Inverse Universe

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



73.1520, 0.2702, 0.2993



68.9644, 0.2624, 0.2930



56.2811, 0.2663, 0.2602



19.2183, 0.2979, 0.3195



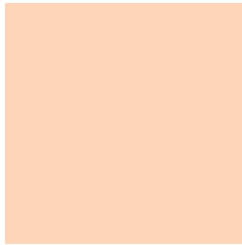
16.3608, 0.1875, 0.1951



1.8057, 0.1922, 0.2120

Previews

White Background



This preview shows how the Yxy color 72.3937, 0.3643, 0.3569 looks on a white background.

Color Contrast Check

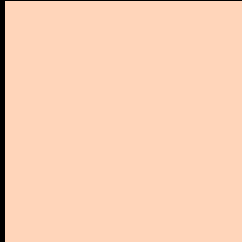
Large Text (above 18pt) WCAG AA × Fail

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 72.3937, 0.3643, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

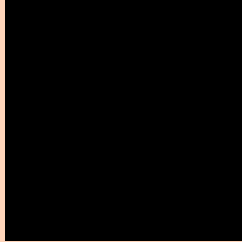
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 72.3937, 0.3643, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 72.3937, 0.3643, 0.3569.



This preview shows how white text looks on a background with the Yxy color 72.3937, 0.3643, 0.3569.

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

72.3937, 0.3643, 0.3569

Protanopia

72.7542, 0.3427, 0.3626

Deuteranopia

72.3937, 0.3643, 0.3569



Tritanopia

72.1886, 0.3375, 0.3149

Trichromacy



Original Color

72.3937, 0.3643, 0.3569

Protanomaly

72.5177, 0.3501, 0.3599

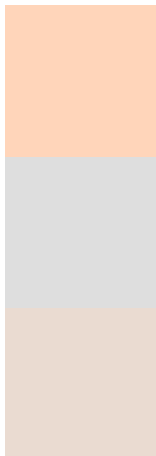
Deuteranomaly

72.3937, 0.3643, 0.3569

Tritanomaly

72.0063, 0.3470, 0.3291

Monochromacy



Original Color

72.3937, 0.3643, 0.3569

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

72.7589, 0.3305, 0.3397

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3937, 0.3643, 0.3569 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, 213, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 213, 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, 213, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 213, 186) }
```

Border

The CSS property to change the border of an element to Yxy 72.3937, 0.3643, 0.3569 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, 213, 186) }
```

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

```
.border{ border-color:rgb(255, 213, 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, 213, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 213, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 213, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 213,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 72.3937, 0.3643, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 213, 186) }
```

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

```
.background{ background-color: rgb(255,  
213, 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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