

Converting Colors

$Y_{xy}(76.0458, 0.3750, 0.3581)$

Have a look what the booklet for
Yxy(76.0458, 0.3750, 0.3581)
contains.

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Color

Yxy(73.4060, 0.3638, 0.3589)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFD7BA |
| RGB | 255, 215, 186 |
| RGB Percent | 100%, 84%, 73% |
| CMY | 0.0000, 0.1569, 0.2705 |
| CMYK | 0.00, 0.16, 0.27, 0.00 |
| HSL | 25°, 100%, 86% |
| HSV | 25°, 27%, 100% |
| XYZ | 74.4082, 73.4060, 56.7163 |
| YIQ | 223.6540, 33.1490, -0.5390 |

Conversions

Conversions Part 2

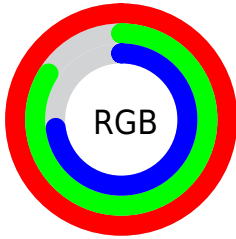
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 236, 186 |
| Decimal | 16766906 |
| CIE Lab | 88.64, 9.78, 19.49 |
| CIE LCh | 89, 21.811, 63.356 |
| Yxy | 73.4060, 0.3638, 0.3589 |
| Android (android.graphics.Color) | 4294956986 (0xFFFFD7BA) |
| YUV | 223.6540, -18.5634, 27.4904 |
| Hunter-Lab | 85.6773, 5.0867, 20.7256 |

Details

The Yxy color **73.4060, 0.3638, 0.3589** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **72.0706, 0.2700, 0.2970**, and the grayscale version is **74.4003, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **38.7054, 0.3754, 0.3648** is the 20% darker color. If you saturate the color by 10%, you get **65.2234, 0.3882, 0.3705**, and if you desaturate by 10%, it is **82.4660, 0.3425, 0.3474**.

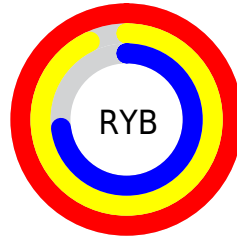
Distribution



Red (100%)

Green (84%)

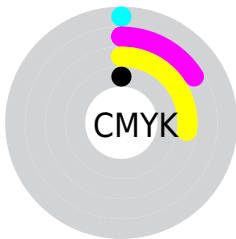
Blue (73%)



Red (100%)

Yellow (93%)

Blue (73%)

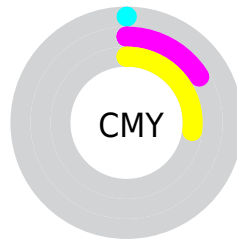


Cyan (0%)

Magenta (16%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.4060, 0.3638, 0.3589 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 73.4060, 0.3638, 0.3589 by changing the saturation by 10% instead.


 73.4060, 0.3638,
0.3589

 73.4060, 0.3638,
0.3589


472.4207, 0.3401,
0.3455

 54.3080, 0.3692,
0.3618


 124.0534, 0.3556,
0.3544

 38.8480, 0.3759,
0.3653


156.3716, 0.3523,
0.3526

 26.6415, 0.3844,
0.3697


193.8654, 0.3496,
0.3510

 17.3041, 0.3954,
0.3751

236.9190, 0.3472,
0.3497

 10.4516, 0.4103,
0.3821

285.9170, 0.3451,
0.3484

 5.6994, 0.4315,
0.3912

341.2437, 0.3432,

 2.6632, 0.4633,

0.3474

0.4029

403.2834, 0.3415,
0.3464

0.9585, 0.5532,
0.4468

0.0000, 1.0000,
0.0000

73.4060, 0.3638,
0.3589

73.4060, 0.3638,
0.3589

65.2234, 0.3882,
0.3705

82.4660, 0.3425,
0.3474

57.8854, 0.4156,
0.3815

92.4256, 0.3241,
0.3364

51.3636, 0.4456,
0.3911

100.0000, 0.3127,
0.3290

45.6259, 0.4772,
0.3980

■ 40.6377, 0.5084,
0.4008

■ 36.3607, 0.5371,
0.3985

■ 32.7506, 0.5609,
0.3907

■ 31.7993, 0.5672,
0.3878

Harmonies

Analogous

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



73.4060, 0.3621, 0.3383



73.4060, 0.3638, 0.3589



73.4060, 0.3513, 0.3728

Triad

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



73.4060, 0.3638, 0.3589



73.4060, 0.2795, 0.3411



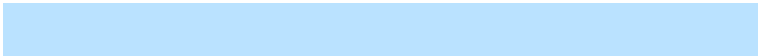
73.4060, 0.2954, 0.2872

Complementary

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



73.4060, 0.3638, 0.3589



72.0706, 0.2700, 0.2970

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.



73.4060, 0.2746, 0.2864



73.4060, 0.3638, 0.3589



73.4060, 0.2657, 0.3164

Square

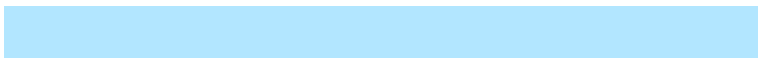
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.4060, 0.3638, 0.3589



73.4060, 0.3023, 0.3632



73.4060, 0.2640, 0.2966



73.4060, 0.3217, 0.2981

Rectangle

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



73.4060, 0.3638, 0.3589



73.4060, 0.3369, 0.3757



73.4060, 0.2640, 0.2966



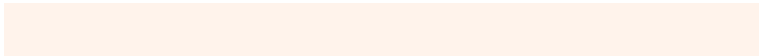
73.4060, 0.2875, 0.2858

Sweetspot

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



73.4075, 0.3638, 0.3589



91.4376, 0.3257, 0.3374



61.8952, 0.3380, 0.2883



19.2410, 0.3284, 0.3390



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.



73.4075, 0.3638, 0.3589



69.2469, 0.3755, 0.3647



92.7139, 0.3551, 0.3917



19.2410, 0.3284, 0.3390



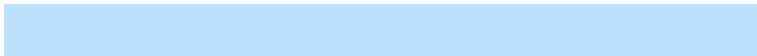
16.8955, 0.5643, 0.3901



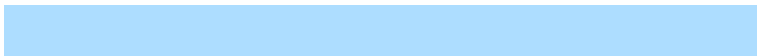
1.8554, 0.5441, 0.4062

Inverse Universe

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



72.0706, 0.2700, 0.2970



67.7168, 0.2621, 0.2902



55.2637, 0.2661, 0.2575



19.1278, 0.2979, 0.3188



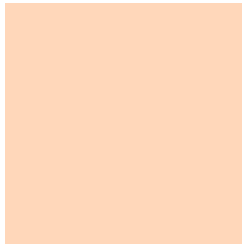
15.1227, 0.1847, 0.1849



1.6887, 0.1897, 0.2029

Previews

White Background



This preview shows how the Yxy color 73.4060, 0.3638, 0.3589 looks on a white background.

Color Contrast Check

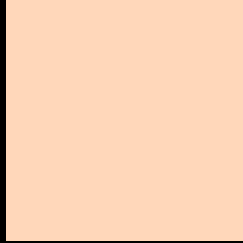
Large Text (above 18pt) WCAG AA × Fail

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 73.4060, 0.3638, 0.3589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

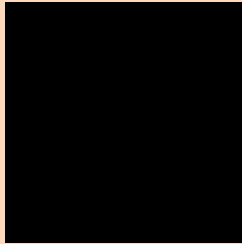
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.4060, 0.3638, 0.3589

Background



This preview shows how black text looks on a background with the Yxy color 73.4060, 0.3638, 0.3589.



This preview shows how white text looks on a background with the Yxy color 73.4060, 0.3638, 0.3589.

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

73.4060, 0.3638, 0.3589

Protanopia

73.4527, 0.3432, 0.3636

Deuteranopia

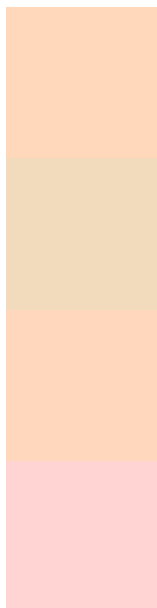
73.5350, 0.3616, 0.3558



Tritanopia

73.2848, 0.3358, 0.3150

Trichromacy



Original Color

73.4060, 0.3638, 0.3589

Protanomaly

73.2144, 0.3506, 0.3609

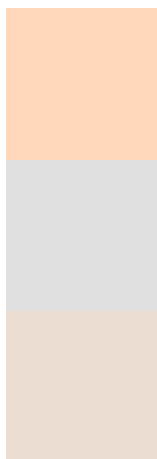
Deuteranomaly

73.4917, 0.3623, 0.3569

Tritanomaly

73.0501, 0.3459, 0.3301

Monochromacy



Original Color

73.4060, 0.3638, 0.3589

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.0282, 0.3303, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.4060, 0.3638, 0.3589 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, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 215, 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, 215, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 215, 186) }
```

Border

The CSS property to change the border of an element to Yxy 73.4060, 0.3638, 0.3589 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, 186) }
```

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

```
.border{ border-color:rgb(255, 215, 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, 215, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 215, 186); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 215, 186); box-shadow:4px 4px 4px 4px rgb(255, 215, 186) }
```


Background

The CSS property to change the background color of an element to Yxy 73.4060, 0.3638, 0.3589 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, 186) }
```

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

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