

Converting Colors

$Y_{xy}(73.7480, 0.3729, 0.3700)$

Have a look what the booklet for
Yxy(73.7480, 0.3729, 0.3700)
contains.

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Color

Yxy(73.5063, 0.3709, 0.3703)

Conversions

Conversions Part 1

Format	Color
Hex	FFD8B0
RGB	255, 216, 176
RGB Percent	100%, 85%, 69%
CMY	0.0001, 0.1529, 0.3099
CMYK	0.00, 0.15, 0.31, 0.00
HSL	30°, 100%, 85%
HSV	30°, 31%, 100%
XYZ	73.6254, 73.5063, 51.3730
YIQ	223.1010, 36.0840, -4.1720

Conversions

Conversions Part 2

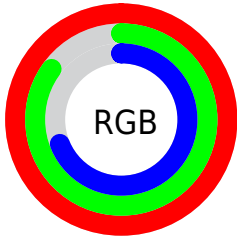
Format	Color
R _Y B	253, 255, 176
Decimal	16767152
CIE Lab	88.69, 7.95, 24.80
CIE LCh	89, 26.042, 72.217
Yxy	73.5063, 0.3709, 0.3703
Android (android.graphics.Color)	4294957232 (0xFFFFD8B0)
YUV	223.1010, -23.2208, 27.9754
Hunter-Lab	85.7358, 3.2487, 24.4884

Details

The Yxy color **73.5063, 0.3709, 0.3703** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **65.0220, 0.2628, 0.2837**, and the grayscale version is **74.0163, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **38.7901, 0.3847, 0.3792** is the 20% darker color. If you saturate the color by 10%, you get **66.3931, 0.3946, 0.3840**, and if you desaturate by 10%, it is **81.3092, 0.3496, 0.3565**.

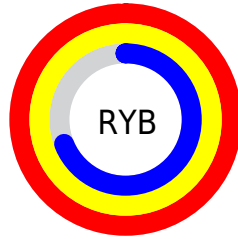
Distribution



Red (100%)

Green (85%)

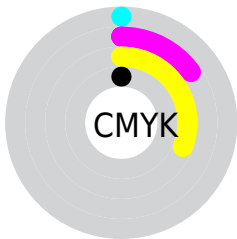
Blue (69%)



Red (99%)

Yellow (100%)

Blue (69%)

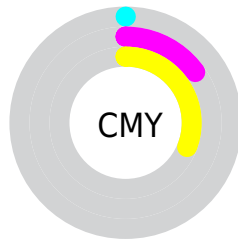


Cyan (0%)

Magenta (15%)

Yellow (31%)

Black (0%)



Cyan (0%)


Magenta (15%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 73.5063, 0.3709, 0.3703 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 73.5063, 0.3709, 0.3703 by changing the saturation by 10% instead.


 73.5063, 0.3709,
0.3703

 73.5063, 0.3709,
0.3703

472.7677, 0.3440,
0.3518

 54.3901, 0.3770,
0.3743


 124.1957, 0.3616,
0.3640

 38.9136, 0.3845,
0.3792


156.5377, 0.3579,
0.3615

 26.6925, 0.3940,
0.3852


194.0570, 0.3548,
0.3594

 17.3424, 0.4061,
0.3927

237.1380, 0.3521,
0.3575

 10.4789, 0.4224,
0.4023

286.1652, 0.3497,
0.3558

 5.7176, 0.4448,
0.4145

341.5230, 0.3476,

 2.6742, 0.4818,

0.3543

0.4339

403.5957, 0.3457,
0.3530

0.9641, 0.5413,
0.4587

0.0000, 1.0000,
0.0000

73.5063, 0.3709,
0.3703

73.5063, 0.3709,
0.3703

66.3931, 0.3946,
0.3840

81.3092, 0.3496,
0.3565

59.9377, 0.4205,
0.3967

89.8119, 0.3307,
0.3430

54.1205, 0.4478,
0.4074

99.0374, 0.3142,
0.3302

48.9167, 0.4753,
0.4148

99.9962, 0.3127,
0.3290

■ 44.2989, 0.5014,
0.4176

■ 40.2364, 0.5243,
0.4149

■ 37.0122, 0.5416,
0.4082

Harmonies

Analogous

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



73.5063, 0.3742, 0.3473



73.5063, 0.3709, 0.3703



73.5063, 0.3515, 0.3837

Triad

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



73.5063, 0.3709, 0.3703



73.5063, 0.2671, 0.3344



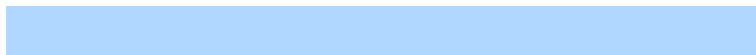
73.5063, 0.3008, 0.2823

Complementary

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



73.5063, 0.3709, 0.3703



65.0220, 0.2628, 0.2837

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.



73.5063, 0.2736, 0.2775



73.5063, 0.3709, 0.3703



73.5063, 0.2549, 0.3057

Square

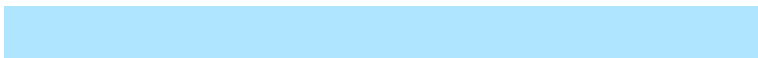
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.5063, 0.3709, 0.3703



73.5063, 0.2914, 0.3632



73.5063, 0.2572, 0.2855



73.5063, 0.3326, 0.2981

Rectangle

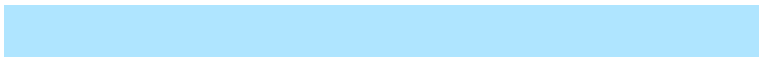
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.5063, 0.3709, 0.3703



73.5063, 0.3326, 0.3843



73.5063, 0.2572, 0.2855



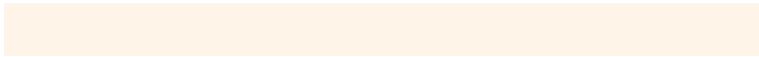
73.5063, 0.2908, 0.2794

Sweetspot

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



73.5097, 0.3709, 0.3703



91.5979, 0.3273, 0.3404



57.2319, 0.3483, 0.2886



19.3269, 0.3298, 0.3423



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.



73.5097, 0.3709, 0.3703



69.1581, 0.3849, 0.3786



95.8973, 0.3597, 0.4066



19.5087, 0.3282, 0.3411



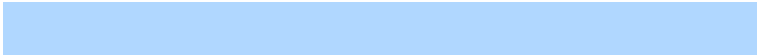
19.6426, 0.5391, 0.4102



2.1312, 0.5217, 0.4239

Inverse Universe

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



65.0220, 0.2628, 0.2837



59.4777, 0.2528, 0.2732



47.4917, 0.2573, 0.2375



18.8575, 0.2979, 0.3166



11.8376, 0.1764, 0.1551



1.3707, 0.1822, 0.1759

Previews

White Background



This preview shows how the Yxy color 73.5063, 0.3709, 0.3703 looks on a white background.

Color Contrast Check

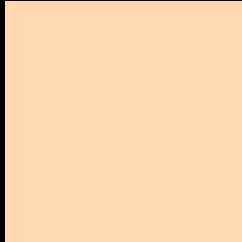
Large Text (above 18pt) WCAG AA × Fail

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 73.5063, 0.3709, 0.3703 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

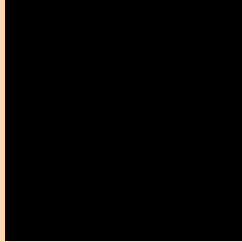
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 73.5063, 0.3709, 0.3703

Background



This preview shows how black text looks on a background with the Yxy color 73.5063, 0.3709, 0.3703.

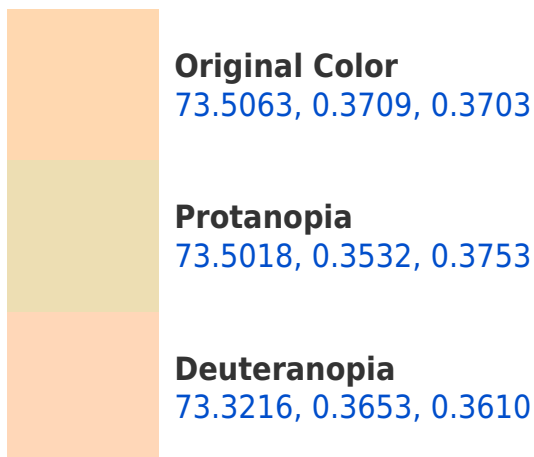


This preview shows how white text looks on a background with the Yxy color 73.5063, 0.3709, 0.3703.

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





Tritanopia

73.2848, 0.3358, 0.3150

Trichromacy



Original Color

73.5063, 0.3709, 0.3703

Protanomaly

73.6338, 0.3598, 0.3735

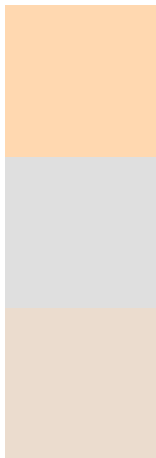
Deuteranomaly

73.1971, 0.3675, 0.3641

Tritanomaly

73.3535, 0.3487, 0.3352

Monochromacy



Original Color

73.5063, 0.3709, 0.3703

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

73.3048, 0.3332, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.5063, 0.3709, 0.3703 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, 216, 176)` looks like.

```
.text, #text, p{  
    color:rgb(255, 216, 176)  
}
```

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, 216, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 216, 176) }
```

Border

The CSS property to change the border of an element to Yxy 73.5063, 0.3709, 0.3703 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, 216, 176) }
```

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

```
.border{ border-color:rgb(255, 216, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 216, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 216, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 216, 176);  
box-shadow:4px 4px 4px 4px rgb(255, 216,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 73.5063, 0.3709, 0.3703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 216, 176) }
```

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

```
.background{ background-color: rgb(255,  
216, 176) }
```

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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