

Converting Colors

$Y_{xy}(74.9480, 0.3630, 0.3619)$

Have a look what the booklet for
Yxy(74.9480, 0.3630, 0.3619)
contains.

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Color

Yxy(74.9480, 0.3630, 0.3619)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FFDABA |
| RGB | 255, 218, 186 |
| RGB Percent | 100%, 85%, 73% |
| CMY | 0.0000, 0.1451, 0.2705 |
| CMYK | 0.00, 0.15, 0.27, 0.00 |
| HSL | 28°, 100%, 86% |
| HSV | 28°, 27%, 100% |
| XYZ | 75.1758, 74.9480, 56.9721 |
| YIQ | 225.4150, 32.3240, -2.1080 |

Conversions

Conversions Part 2

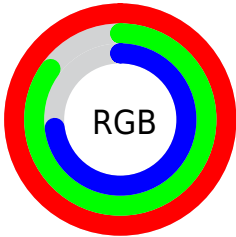
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 255, 246, 186 |
| Decimal | 16767674 |
| CIE Lab | 89.37, 8.22, 20.51 |
| CIE LCh | 89, 22.095, 68.149 |
| Yxy | 74.9480, 0.3630, 0.3619 |
| Android (android.graphics.Color) | 4294957754 (0xFFFFDABA) |
| YUV | 225.4150, -19.4316, 25.9460 |
| Hunter-Lab | 86.5725, 3.4997, 21.5829 |

Details

The Yxy color **74.9480, 0.3630, 0.3619** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **70.4477, 0.2696, 0.2936**, and the grayscale version is **75.7375, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **39.7582, 0.3742, 0.3686** is the 20% darker color. If you saturate the color by 10%, you get **67.1582, 0.3866, 0.3746**, and if you desaturate by 10%, it is **83.5235, 0.3422, 0.3493**.

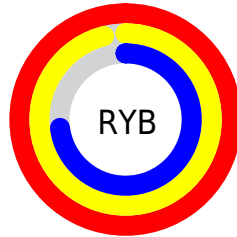
Distribution



Red (100%)

Green (85%)

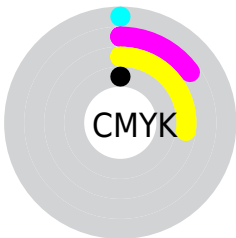
Blue (73%)



Red (100%)

Yellow (96%)

Blue (73%)

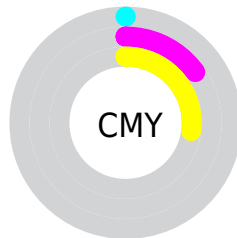


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (0%)



Cyan (0%)


Magenta (15%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9480, 0.3630, 0.3619 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 74.9480, 0.3630, 0.3619 by changing the saturation by 10% instead.


 74.9480, 0.3630,
0.3619

 74.9480, 0.3630,
0.3619


477.7388, 0.3397,
0.3472

 55.5703, 0.3683,
0.3651


 126.2387, 0.3549,
0.3569

 39.8585, 0.3748,
0.3690


158.9206, 0.3518,
0.3549

 27.4282, 0.3830,
0.3738


196.8059, 0.3491,
0.3532

 17.8951, 0.3936,
0.3799

240.2791, 0.3467,
0.3517

 10.8747, 0.4079,
0.3877

289.7246, 0.3447,
0.3504

 5.9826, 0.4280,
0.3980

345.5268, 0.3428,

 2.8345, 0.4578,

0.3492

0.4114

408.0701, 0.3412,
0.3481

1.0460, 0.5416,
0.4584

0.0000, 1.0000,
0.0000

74.9480, 0.3630,
0.3619

74.9480, 0.3630,
0.3619

67.1582, 0.3866,
0.3746

83.5235, 0.3422,
0.3493

60.1195, 0.4128,
0.3868

92.8976, 0.3240,
0.3371

53.8096, 0.4412,
0.3974

99.9997, 0.3127,
0.3290

48.2006, 0.4708,
0.4053

■ 43.2626, 0.4998,
0.4091

■ 38.9624, 0.5264,
0.4076

■ 35.2612, 0.5485,
0.4006

■ 34.2710, 0.5544,
0.3980

Harmonies

Analogous

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



74.9480, 0.3637, 0.3419



74.9480, 0.3630, 0.3619



74.9480, 0.3484, 0.3743

Triad

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



74.9480, 0.3630, 0.3619



74.9480, 0.2764, 0.3372



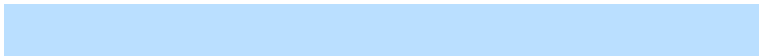
74.9480, 0.2993, 0.2881

Complementary

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



74.9480, 0.3630, 0.3619



70.4477, 0.2696, 0.2936

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.



74.9480, 0.2771, 0.2856



74.9480, 0.3630, 0.3619



74.9480, 0.2643, 0.3126

Square

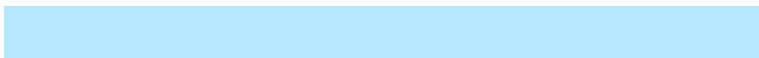
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9480, 0.3630, 0.3619



74.9480, 0.2982, 0.3604



74.9480, 0.2646, 0.2941



74.9480, 0.3260, 0.3004

Rectangle

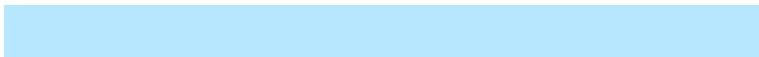
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9480, 0.3630, 0.3619



74.9480, 0.3331, 0.3758



74.9480, 0.2646, 0.2941



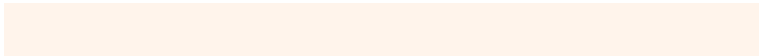
74.9480, 0.2911, 0.2861

Sweetspot

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



74.9514, 0.3630, 0.3619



91.9717, 0.3257, 0.3383



61.7681, 0.3398, 0.2905



19.3752, 0.3283, 0.3401



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.



74.9514, 0.3630, 0.3619



70.9976, 0.3743, 0.3682



94.1442, 0.3546, 0.3938



19.3752, 0.3283, 0.3401



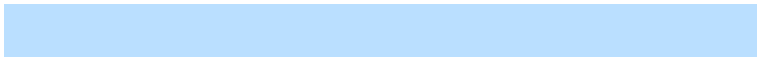
18.1994, 0.5517, 0.4001



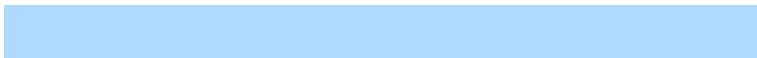
1.9880, 0.5328, 0.4152

Inverse Universe

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



70.4477, 0.2696, 0.2936



65.8612, 0.2616, 0.2861



54.2619, 0.2658, 0.2548



18.9915, 0.2979, 0.3177



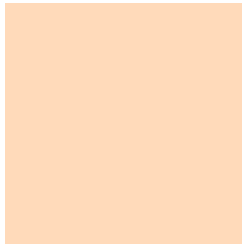
13.3890, 0.1805, 0.1697



1.5224, 0.1859, 0.1892

Previews

White Background



This preview shows how the Yxy color 74.9480, 0.3630, 0.3619 looks on a white background.

Color Contrast Check

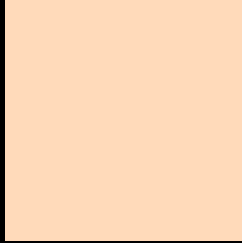
Large Text (above 18pt) WCAG AA × Fail

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 74.9480, 0.3630, 0.3619 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

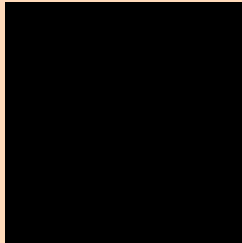
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9480, 0.3630, 0.3619

Background



This preview shows how black text looks on a background with the Yxy color 74.9480, 0.3630, 0.3619.

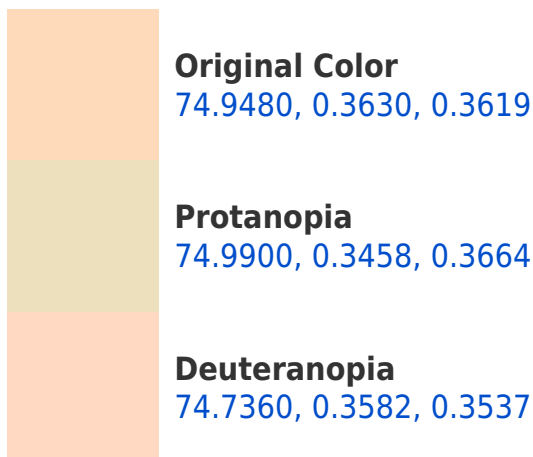


This preview shows how white text looks on a background with the Yxy color 74.9480, 0.3630, 0.3619.

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

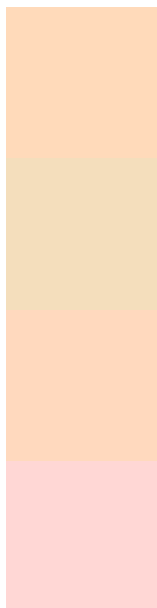




Tritanopia

74.9546, 0.3332, 0.3150

Trichromacy



Original Color

74.9480, 0.3630, 0.3619

Protanomaly

75.1065, 0.3522, 0.3648

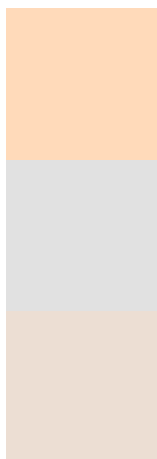
Deuteranomaly

74.6034, 0.3603, 0.3568

Tritanomaly

74.6650, 0.3439, 0.3311

Monochromacy



Original Color

74.9480, 0.3630, 0.3619

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

74.7786, 0.3302, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9480, 0.3630, 0.3619 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, 218, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 218, 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, 218, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 218, 186) }
```

Border

The CSS property to change the border of an element to Yxy 74.9480, 0.3630, 0.3619 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, 218, 186) }
```

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

```
.border{ border-color:rgb(255, 218, 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, 218, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 218, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 218, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 218,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9480, 0.3630, 0.3619 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 218, 186) }
```

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

```
.background{ background-color: rgb(255,  
218, 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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