

Converting Colors

Yxy(74.5980, 0.3630, 0.3610)

Have a look what the booklet for
Yxy(74.5980, 0.3630, 0.3610)
contains.

Yxy(74.4309, 0.3633, 0.3609) 3

***Conversions* 4**

***Details* 6**

***Harmonies* 12**

***Previews* 24**

***Color Blindness Simulation* 27**

***CSS Examples* 30**

Color

Yxy(74.4309, 0.3633, 0.3609)

Conversions

Conversions Part 1	
Format	Color
Hex	FFD9BA
RGB	255, 217, 186
RGB Percent	100%, 85%, 73%
CMY	0.0000, 0.1490, 0.2705
CMYK	0.00, 0.15, 0.27, 0.00
HSL	27°, 100%, 86%
HSV	27°, 27%, 100%
XYZ	74.9259, 74.4309, 56.8801
YIQ	224.8280, 32.5990, -1.5850

Conversions

Conversions Part 2

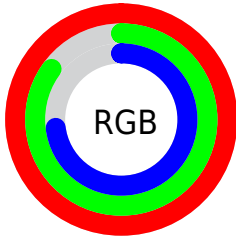
Format	Color
RYB	255, 242, 186
Decimal	16767418
CIELab	89.13, 8.76, 20.18
CIELCh	89, 21.994, 66.536
Yxy	74.4309, 0.3633, 0.3609
Android (android.graphics.Color)	4294957498 (0xFFFFD9BA)
YUV	224.8280, -19.1422, 26.4608
Hunter-Lab	86.2733, 4.0437, 21.3014

Details

The Yxy color 74.4309, 0.3633, 0.3609 is a light color, and the websafe version is hex FFCC99. A complement of this color would be 70.9849, 0.2698, 0.2947, and the grayscale version is 75.2850, 0.3127, 0.3290.

A 20% lighter version of the original color is 99.1908, 0.3203, 0.3415, and 39.4044, 0.3746, 0.3674 is the 20% darker color. If you saturate the color by 10%, you get 66.5016, 0.3871, 0.3732, and if you desaturate by 10%, it is 83.1648, 0.3423, 0.3487.

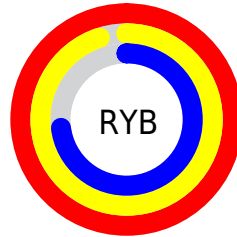
Distribution



Red (100%)

Green (85%)

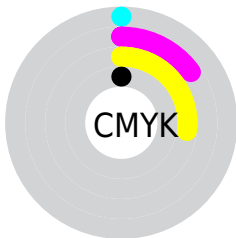
Blue (73%)



Red (100%)

Yellow (95%)

Blue (73%)

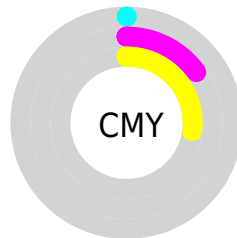


Cyan (0%)

Magenta (15%)

Yellow (27%)

Black (0%)



Cyan (0%)

Magenta (15%)


Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4309, 0.3633, 0.3609 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 74.4309, 0.3633, 0.3609 by changing the saturation by 10% instead.


 74.4309, 0.3633,
0.3609

 74.4309, 0.3633,
0.3609


475.9592, 0.3399,
0.3466

 55.1468, 0.3686,
0.3640


 125.5064, 0.3552,
0.3561

 39.5193, 0.3752,
0.3678


158.0667, 0.3520,
0.3541

 27.1639, 0.3835,
0.3725


195.8211, 0.3493,
0.3525

 17.6964, 0.3943,
0.3783

239.1540, 0.3469,
0.3510

 10.7322, 0.4088,
0.3858

288.4499, 0.3448,
0.3497

 5.8871, 0.4292,
0.3957


344.0931, 0.3430,


 2.7765, 0.4597,


0.3486


0.4086


406.4681, 0.3413,
0.3476


 1.0162, 0.5455,
0.4545

 0.0000, 1.0000,
0.0000

 74.4309, 0.3633,
0.3609


 74.4309, 0.3633,
0.3609

 66.5016, 0.3871,
0.3732


 83.1648, 0.3423,
0.3487


 59.3596, 0.4138,
0.3850

 92.7358, 0.3241,
0.3369


 52.9751, 0.4427,
0.3953


100.0000, 0.3127,
0.3290

 47.3189, 0.4729,
0.4028

 42.3595, 0.5027,
0.4063

 38.0622, 0.5300,
0.4046

 34.3865, 0.5527,
0.3973

 33.4093, 0.5588,
0.3945

Harmonies

Analogous

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



74.4309, 0.3632, 0.3407



74.4309, 0.3633, 0.3609



74.4309, 0.3494, 0.3738

Triad

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



74.4309, 0.3633, 0.3609



74.4309, 0.2774, 0.3385



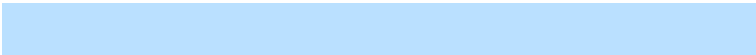
74.4309, 0.2979, 0.2878

Complementary

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



74.4309, 0.3633, 0.3609



70.9849, 0.2698, 0.2947

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.



74.4309, 0.2762, 0.2859



74.4309, 0.3633, 0.3609



74.4309, 0.2648, 0.3139

Square

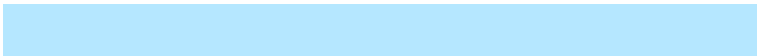
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.4309, 0.3633, 0.3609



74.4309, 0.2996, 0.3613



74.4309, 0.2644, 0.2949



74.4309, 0.3245, 0.2996

Rectangle

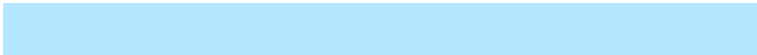
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.4309, 0.3633, 0.3609



74.4309, 0.3344, 0.3758



74.4309, 0.2644, 0.2949



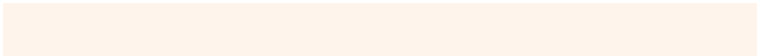
74.4309, 0.2899, 0.2860

Sweetspot

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



74.4281, 0.3633, 0.3609



91.7924, 0.3257, 0.3380



61.8268, 0.3389, 0.2894



19.3301, 0.3283, 0.3397



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.



74.4281, 0.3633, 0.3609



70.4067, 0.3747, 0.3670



93.4266, 0.3549, 0.3927



19.3301, 0.3283, 0.3397



17.7453, 0.5560, 0.3967



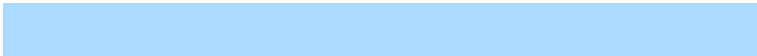
1.9422, 0.5366, 0.4122

Inverse Universe

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



70.9849, 0.2698, 0.2947



66.4785, 0.2618, 0.2875



54.7552, 0.2659, 0.2561



19.0371, 0.2979, 0.3181



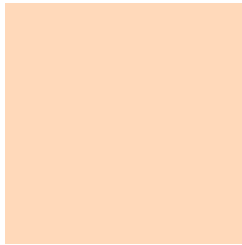
13.9513, 0.1819, 0.1748



1.5767, 0.1872, 0.1938

Previews

White Background



This preview shows how the Yxy color 74.4309, 0.3633, 0.3609 looks on a white background.

Color Contrast Check

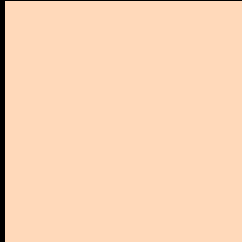
Large Text (above 18pt) WCAG AA × Fail

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 74.4309, 0.3633, 0.3609 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

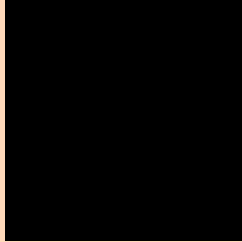
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4309, 0.3633, 0.3609

Background



This preview shows how black text looks on a background with the Yxy color 74.4309, 0.3633, 0.3609.



This preview shows how white text looks on a background with the Yxy color 74.4309, 0.3633, 0.3609.

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

74.4309, 0.3633, 0.3609

Protanopia

74.8183, 0.3450, 0.3665

Deuteranopia

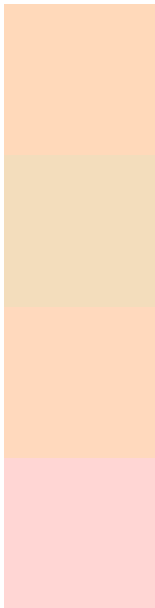
74.6473, 0.3596, 0.3558



Tritanopia

74.3946, 0.3341, 0.3150

Trichromacy



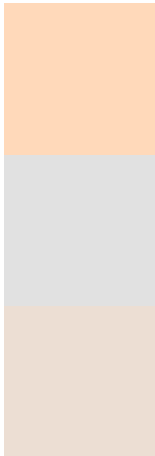
Original Color
74.4309, 0.3633, 0.3609

Protanomaly
74.3984, 0.3517, 0.3639

Deuteranomaly
74.5598, 0.3611, 0.3578

Tritanomaly
74.1066, 0.3448, 0.3311

Monochromacy



Original Color
74.4309, 0.3633, 0.3609

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 74.4309, 0.3633, 0.3609 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, 217, 186) looks like.

```
.text, #text, p{  
    color:rgb(255, 217, 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, 217, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 217, 186) }
```

Border

The CSS property to change the border of an element to Yxy 74.4309, 0.3633, 0.3609 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, 217, 186) }
```

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

```
.border{ border-color:rgb(255, 217, 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, 217, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 217, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 217, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 217,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4309, 0.3633, 0.3609 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 217, 186) }
```

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

```
.background{ background-color: rgb(255,  
217, 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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