

# Converting Colors

$Yxy(74.8258, 0.3589, 0.3688)$

Have a look what the booklet for  
Yxy(74.8258, 0.3589, 0.3688)  
contains.

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# Color

**Yxy(74.9060, 0.3583, 0.3688)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F7DDB7
RGB	247, 221, 183
RGB Percent	97%, 87%, 72%
CMY	0.0312, 0.1334, 0.2823
CMYK	0.00, 0.11, 0.26, 0.03
HSL	36°, 80%, 84%
HSV	36°, 26%, 97%
XYZ	72.7734, 74.9060, 55.4280
YIQ	224.4420, 27.6940, -6.3060

# Conversions

## Conversions Part 2

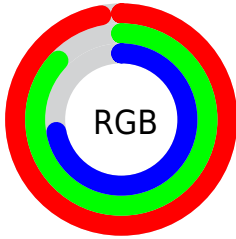
Format	Color
RYB	227, 247, 183
Decimal	16244151
CIELab	89.35, 3.33, 21.94
CIElCh	89, 22.194, 81.373
Yxy	74.9060, 0.3583, 0.3688
Android (android.graphics.Color)	4294434231 (0xFFF7DDB7)
YUV	224.4420, -20.4309, 19.7834
Hunter-Lab	86.5483, -1.3692, 22.6127

# Details

The Yxy color **74.9060, 0.3583, 0.3688** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.4189, 0.2706, 0.2856**, and the grayscale version is **75.0138, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **39.8313, 0.3688, 0.3776** is the 20% darker color. If you saturate the color by 10%, you get **68.8197, 0.3793, 0.3848**, and if you desaturate by 10%, it is **81.4974, 0.3392, 0.3530**.

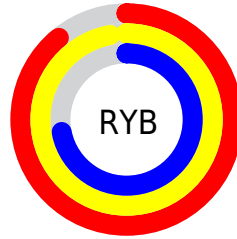
# Distribution



Red (97%)

Green (87%)

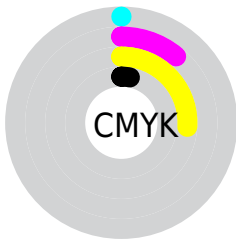
Blue (72%)



Red (89%)

Yellow (97%)

Blue (72%)

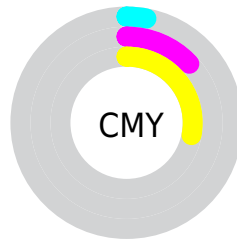


Cyan (0%)

Magenta (11%)

Yellow (26%)

Black (3%)



Cyan (3%)

Magenta (13%)


Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9060, 0.3583, 0.3688 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 74.9060, 0.3583, 0.3688 by changing the saturation by 10% instead.




 74.9060, 0.3583,  
0.3688

 74.9060, 0.3583,  
0.3688


477.5944, 0.3373,  
0.3507

 55.5359, 0.3630,  
0.3728


 126.1793, 0.3511,  
0.3626

 39.8309, 0.3689,  
0.3777


158.8513, 0.3482,  
0.3602

 27.4068, 0.3762,  
0.3839


196.7260, 0.3458,  
0.3581

 17.8789, 0.3856,  
0.3917

240.1878, 0.3437,  
0.3562

 10.8631, 0.3982,  
0.4019

289.6212, 0.3418,  
0.3546

 5.9749, 0.4157,  
0.4158

345.4105, 0.3401,

 2.8298, 0.4417,

0.3532

0.4355

407.9401, 0.3386,  
0.3519

1.0435, 0.5098,  
0.4902

0.0000, 1.0000,  
0.0000

74.9060, 0.3583,  
0.3688

74.9060, 0.3583,  
0.3688

68.8197, 0.3793,  
0.3848

81.4974, 0.3392,  
0.3530

63.2134, 0.4020,  
0.4001

88.5979, 0.3220,  
0.3377

58.0745, 0.4257,  
0.4139

96.0866, 0.3079,  
0.3253

53.3858, 0.4495,  
0.4250

98.5219, 0.3078,  
0.3290

■ 49.1285, 0.4723,  
0.4322

■ 45.2813, 0.4927,  
0.4344

■ 41.8190, 0.5096,  
0.4311

■ 40.5035, 0.5158,  
0.4287

# Harmonies

## Analogous

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



74.9060, 0.3655, 0.3514



74.9060, 0.3583, 0.3688



74.9060, 0.3388, 0.3762

# Triad

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



74.9060, 0.3583, 0.3688



74.9060, 0.2695, 0.3260



74.9060, 0.3109, 0.2923

# Complementary

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



74.9060, 0.3583, 0.3688



62.4189, 0.2706, 0.2856

# Split Complementary

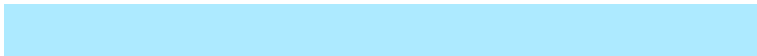
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9060, 0.2858, 0.2852



74.9060, 0.3583, 0.3688



74.9060, 0.2627, 0.3033

# Square

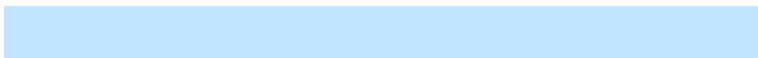
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9060, 0.3583, 0.3688



74.9060, 0.2875, 0.3510



74.9060, 0.2685, 0.2888



74.9060, 0.3375, 0.3082



# Rectangle

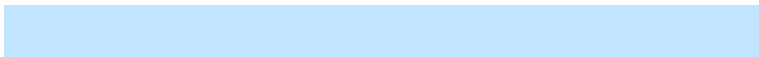
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.9060, 0.3583, 0.3688



74.9060, 0.3217, 0.3735



74.9060, 0.2685, 0.2888



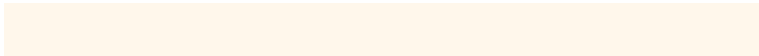
74.9060, 0.3020, 0.2888

# Sweetspot

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



74.9094, 0.3583, 0.3688



93.5733, 0.3254, 0.3408



58.2916, 0.3454, 0.3010



19.7785, 0.3279, 0.3431



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.



74.9094, 0.3583, 0.3688



77.0812, 0.3689, 0.3770



88.7923, 0.3483, 0.3947



18.1168, 0.3279, 0.3430



21.6990, 0.5137, 0.4303



2.1087, 0.4987, 0.4423



# Inverse Universe

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



62.4189, 0.2706, 0.2856



61.6109, 0.2618, 0.2756



51.3255, 0.2715, 0.2554



17.0338, 0.2980, 0.3146



8.6843, 0.1690, 0.1282

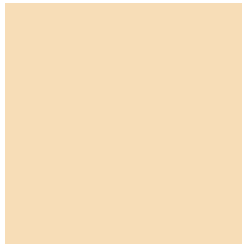


0.9598, 0.1758, 0.1528



# Previews

## White Background



This preview shows how the Yxy color 74.9060, 0.3583, 0.3688 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 74.9060, 0.3583, 0.3688 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

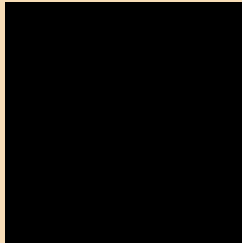
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 74.9060, 0.3583, 0.3688**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.9060, 0.3583, 0.3688.



This preview shows how white text looks on a background with the Yxy color 74.9060, 0.3583, 0.3688.

# 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

74.9060, 0.3583, 0.3688

### Protanopia

74.9912, 0.3493, 0.3707

### Deuteranopia

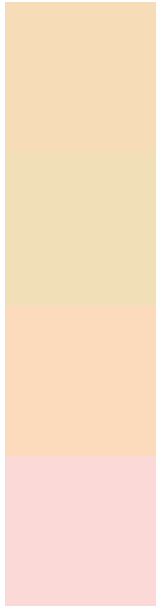
74.6473, 0.3596, 0.3558



## Tritanopia

74.7453, 0.3296, 0.3120

# Trichromacy



## Original Color

74.9060, 0.3583, 0.3688

## Protanomaly

74.9368, 0.3525, 0.3704

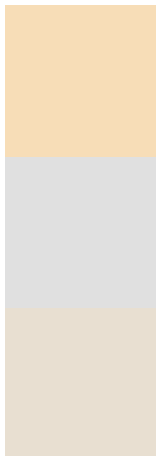
## Deuteranomaly

74.4691, 0.3593, 0.3601

## Tritanomaly

74.9900, 0.3399, 0.3321

# Monochromacy



## Original Color

74.9060, 0.3583, 0.3688

## Achromatopsia

74.5404, 0.3127, 0.3290

## Achromatomaly

74.5346, 0.3285, 0.3440

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.9060, 0.3583, 0.3688 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(247, 221, 183)` looks like.

```
.text, #text, p{  
    color:rgb(247, 221, 183)  
}
```

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(247, 221, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 221, 183) }
```

## Border

The CSS property to change the border of an element to Yxy 74.9060, 0.3583, 0.3688 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(247, 221, 183) }
```

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

```
.border{ border-color:rgb(247, 221, 183) }
```

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

Here you see how a box with a 4 pixel rgb(247, 221, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 221, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 221, 183);  
box-shadow:4px 4px 4px 4px rgb(247, 221,  
183) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.9060, 0.3583, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 221, 183) }
```

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

```
.background{ background-color: rgb(247,  
221, 183) }
```

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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