

# Converting Colors

$Yxy(73.9682, 0.3869, 0.3987)$

Have a look what the booklet for  
Yxy(73.9682, 0.3869, 0.3987)  
contains.

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# Color

**Yxy(73.9682, 0.3869, 0.3987)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FEDB97
RGB	254, 219, 151
RGB Percent	100%, 86%, 59%
CMY	0.0041, 0.1411, 0.4078
CMYK	0.00, 0.14, 0.41, 0.00
HSL	40°, 98%, 79%
HSV	40°, 41%, 100%
XYZ	71.7790, 73.9682, 39.7762
YIQ	221.7130, 42.6880, -13.7280

# Conversions

## Conversions Part 2

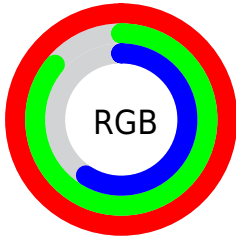
Format	Color
<a href="#">RYB</a>	204, 254, 151
Decimal	16702359
CIELab	88.91, 3.14, 37.90
CIELCh	89, 38.033, 85.265
Yxy	73.9682, 0.3869, 0.3987
Android (android.graphics.Color)	4294892439 (0xFFFE97B9)
YUV	221.7130, -34.8615, 28.3157
Hunter-Lab	86.0048, -1.5334, 32.7824

# Details

The Yxy color **73.9682, 0.3869, 0.3987** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.8280, 0.2439, 0.2471**, and the grayscale version is **73.0616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **39.1875, 0.4038, 0.4132** is the 20% darker color. If you saturate the color by 10%, you get **68.8519, 0.4083, 0.4150**, and if you desaturate by 10%, it is **79.5020, 0.3663, 0.3813**.

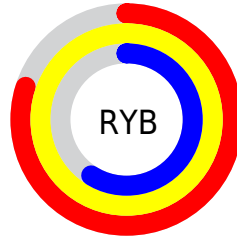
# Distribution



Red (100%)

Green (86%)

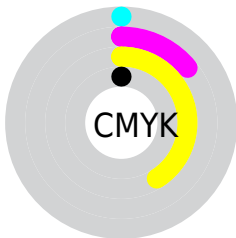
Blue (59%)



Red (80%)

Yellow (100%)

Blue (59%)

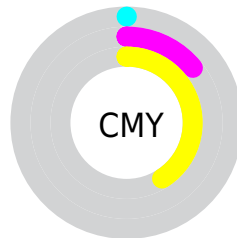


Cyan (0%)

Magenta (14%)

Yellow (41%)

Black (0%)



Cyan (0%)

Magenta (14%)


Yellow (41%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9682, 0.3869, 0.3987 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 73.9682, 0.3869, 0.3987 by changing the saturation by 10% instead.





 73.9682, 0.3869,  
0.3987


 73.9682, 0.3869,  
0.3987

474.3636, 0.3532,  
0.3674

 54.7680, 0.3943,  
0.4054


 124.8507, 0.3754,  
0.3881

 39.2160, 0.4032,  
0.4135


 157.3019, 0.3709,  
0.3839

 26.9278, 0.4142,  
0.4233


194.9388, 0.3669,  
0.3803

 17.5190, 0.4277,  
0.4352

238.1458, 0.3635,  
0.3771

 10.6052, 0.4447,  
0.4497

287.3074, 0.3605,  
0.3743

 5.8020, 0.4658,  
0.4670

342.8080, 0.3578,

 2.7251, 0.5028,

0.3717

0.4972

405.0319, 0.3553,  
0.3695

0.9900, 0.5089,  
0.4911

0.0000, 0.0000,  
0.0000

73.9682, 0.3869,  
0.3987

73.9682, 0.3869,  
0.3987

68.8519, 0.4083,  
0.4150

79.5020, 0.3663,  
0.3813

64.1276, 0.4298,  
0.4290

85.4567, 0.3471,  
0.3637

59.7824, 0.4504,  
0.4397

91.8490, 0.3295,  
0.3464

55.7980, 0.4690,  
0.4460

98.6909, 0.3135,  
0.3299

■ 52.1528, 0.4847,  
0.4471

99.8024, 0.3121,  
0.3290

■ 48.9854, 0.4967,  
0.4438

# Harmonies

## Analogous

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



73.9682, 0.4036, 0.3690



73.9682, 0.3869, 0.3987



73.9682, 0.3505, 0.4115

# Triad

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



73.9682, 0.3869, 0.3987



73.9682, 0.2373, 0.3166



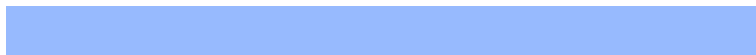
73.9682, 0.3147, 0.2710

# Complementary

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



73.9682, 0.3869, 0.3987



48.8280, 0.2439, 0.2471

# 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.



73.9682, 0.2715, 0.2569



73.9682, 0.3869, 0.3987



73.9682, 0.2293, 0.2796

# Square

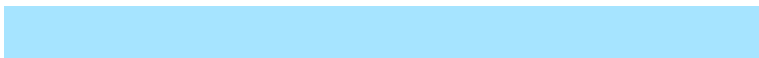
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



73.9682, 0.3869, 0.3987



73.9682, 0.2644, 0.3618



73.9682, 0.2413, 0.2592



73.9682, 0.3605, 0.2979

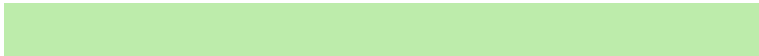


# Rectangle

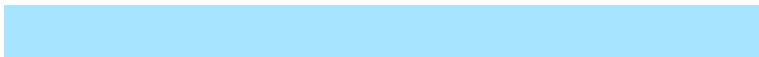
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



73.9682, 0.3869, 0.3987



73.9682, 0.3207, 0.4059



73.9682, 0.2413, 0.2592



73.9682, 0.2994, 0.2647

# Sweetspot

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



73.9717, 0.3869, 0.3987



91.7363, 0.3320, 0.3489



46.7890, 0.3793, 0.2914



19.4513, 0.3342, 0.3511



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.



73.9717, 0.3869, 0.3987



70.2599, 0.4050, 0.4126



91.3564, 0.3628, 0.4336



19.9915, 0.3278, 0.3447



26.1202, 0.4951, 0.4451



2.7458, 0.4842, 0.4537



# Inverse Universe

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



48.8280, 0.2439, 0.2471



41.6469, 0.2286, 0.2261



37.4459, 0.2476, 0.2071



18.3852, 0.2979, 0.3128



7.5417, 0.1636, 0.1091



0.9272, 0.1699, 0.1314



# Previews

## White Background



This preview shows how the Yxy color 73.9682, 0.3869, 0.3987 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 73.9682, 0.3869, 0.3987 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 73.9682, 0.3869, 0.3987**

## **Background**



This preview shows how black text looks on a background with the Yxy color 73.9682, 0.3869, 0.3987.



This preview shows how white text looks on a background with the Yxy color 73.9682, 0.3869, 0.3987.

# 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

73.9682, 0.3869, 0.3987

### Protanopia

73.9525, 0.3747, 0.4030

### Deuteranopia

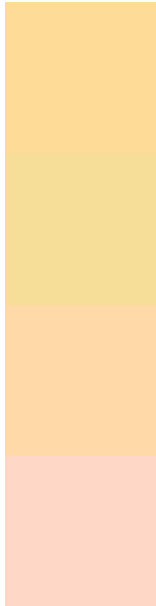
74.0600, 0.3699, 0.3702



## Tritanopia

73.7832, 0.3356, 0.3160

# Trichromacy



**Original Color**

73.9682, 0.3869, 0.3987

**Protanomaly**

74.1024, 0.3789, 0.4022

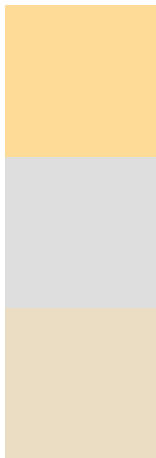
**Deuteranomaly**

74.2300, 0.3761, 0.3804

**Tritanomaly**

73.9381, 0.3549, 0.3465

# Monochromacy



**Original Color**

73.9682, 0.3869, 0.3987

**Achromatopsia**

73.0461, 0.3127, 0.3290

**Achromatomaly**

73.1909, 0.3392, 0.3560

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 73.9682, 0.3869, 0.3987 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(254, 219, 151)` looks like.

```
.text, #text, p{  
    color:rgb(254, 219, 151)  
}
```

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(254, 219, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 219, 151) }
```

## Border

The CSS property to change the border of an element to Yxy 73.9682, 0.3869, 0.3987 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(254, 219, 151) }
```

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

```
.border{ border-color:rgb(254, 219, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 219, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 219, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 219, 151);  
box-shadow:4px 4px 4px 4px rgb(254, 219,  
151) }
```



# Background

The CSS property to change the background color of an element to Yxy 73.9682, 0.3869, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 219, 151) }
```

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

```
.background{ background-color: rgb(254,  
219, 151) }
```

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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