

Converting Colors

$Y_{xy}(75.9849, 0.3840, 0.4020)$

Have a look what the booklet for
Yxy(75.9849, 0.3840, 0.4020)
contains.

Yxy(75.9250, 0.3839, 0.4017)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.9250, 0.3839, 0.4017)

Conversions

Conversions Part 1

Format	Color
Hex	FDDF98
RGB	253, 223, 152
RGB Percent	99%, 87%, 60%
CMY	0.0079, 0.1255, 0.4040
CMYK	0.00, 0.12, 0.40, 0.01
HSL	42°, 96%, 79%
HSV	42°, 40%, 99%
XYZ	72.5606, 75.9250, 40.5236
YIQ	223.8760, 40.6710, -15.7210

Conversions

Conversions Part 2

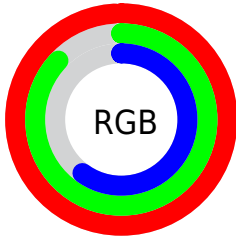
Format	Color
R _Y B	195, 253, 152
Decimal	16637848
CIE Lab	89.82, 0.83, 38.59
CIE LCh	90, 38.603, 88.763
Yxy	75.9250, 0.3839, 0.4017
Android (android.graphics.Color)	4294827928 (0xFFFD98)
YUV	223.8760, -35.4349, 25.5417
Hunter-Lab	87.1350, -3.8423, 33.4207

Details

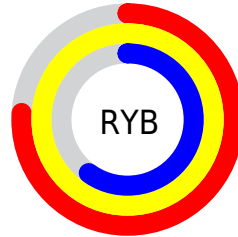
The Yxy color **75.9250, 0.3839, 0.4017** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.2044, 0.2441, 0.2431**, and the grayscale version is **74.6845, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2850, 0.3412, 0.3760**, and **40.5275, 0.3994, 0.4171** is the 20% darker color. If you saturate the color by 10%, you get **71.2614, 0.4041, 0.4189**, and if you desaturate by 10%, it is **80.9504, 0.3642, 0.3833**.

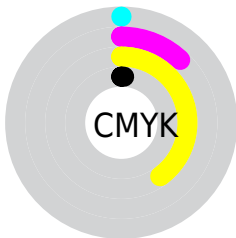
Distribution



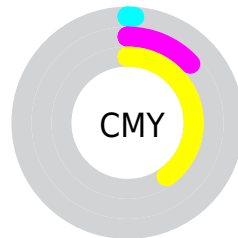
- Red (99%)
- Green (87%)
- Blue (60%)



- Red (76%)
- Yellow (99%)
- Blue (60%)



- Cyan (0%)
- Magenta (12%)
- Yellow (40%)
- Black (1%)




- Cyan (1%)
- Magenta (13%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.9250, 0.3839, 0.4017 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 75.9250, 0.3839, 0.4017 by changing the saturation by 10% instead.


 75.9250, 0.3839,
0.4017


 75.9250, 0.3839,
0.4017


481.0909, 0.3518,
0.3690

 56.3710, 0.3909,
0.4088


 127.6209, 0.3730,
0.3907

 40.5005, 0.3993,
0.4172


 160.5316, 0.3687,
0.3863

 27.9290, 0.4095,
0.4275


198.6633, 0.3650,
0.3825

 18.2721, 0.4221,
0.4402

242.4004, 0.3617,
0.3791

 11.1455, 0.4376,
0.4557

292.1273, 0.3588,
0.3761

 6.1648, 0.4566,
0.4744

348.2285, 0.3562,

 2.9456, 0.4913,

0.3735

0.5087

411.0882, 0.3539,
0.3712

■ 1.1034, 0.4929,
0.5071

■ 0.0000, 1.0000,
0.0000

■ 75.9250, 0.3839,
0.4017

■ 75.9250, 0.3839,
0.4017

■ 71.2614, 0.4041,
0.4189

■ 80.9504, 0.3642,
0.3833

■ 66.9355, 0.4242,
0.4340

■ 86.3397, 0.3456,
0.3647

■ 62.9358, 0.4431,
0.4457

■ 92.1081, 0.3284,
0.3464

■ 59.2454, 0.4600,
0.4530

■ 98.2667, 0.3126,
0.3289

■ 55.8447, 0.4740, 99.6222, 0.3115,
0.4554 0.3290

■ 52.7030, 0.4850,
0.4531

■ 52.6821, 0.4851,
0.4530

Harmonies

Analogous

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



75.9250, 0.4035, 0.3732



75.9250, 0.3839, 0.4017



75.9250, 0.3456, 0.4120

Triad

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



75.9250, 0.3839, 0.4017



75.9250, 0.2349, 0.3115



75.9250, 0.3202, 0.2732

Complementary

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



75.9250, 0.3839, 0.4017



47.2044, 0.2441, 0.2431

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.



75.9250, 0.2757, 0.2574



75.9250, 0.3839, 0.4017



75.9250, 0.2292, 0.2760

Square

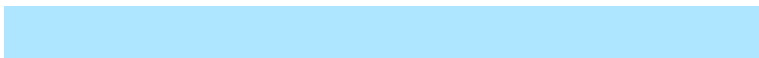
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.9250, 0.3839, 0.4017



75.9250, 0.2601, 0.3568



75.9250, 0.2435, 0.2576



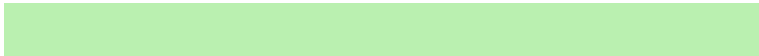
75.9250, 0.3657, 0.3015

Rectangle

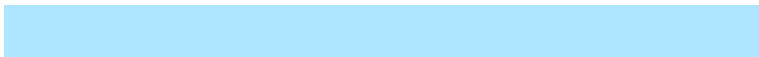
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.9250, 0.3839, 0.4017



75.9250, 0.3154, 0.4042



75.9250, 0.2435, 0.2576



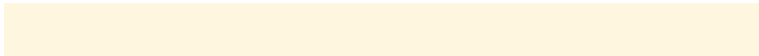
75.9250, 0.3046, 0.2663

Sweetspot

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



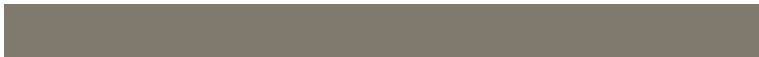
75.9285, 0.3839, 0.4017



92.5244, 0.3318, 0.3501



46.7187, 0.3830, 0.2972



19.6373, 0.3340, 0.3525



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.



75.9285, 0.3839, 0.4017



73.4316, 0.4003, 0.4158



89.8040, 0.3586, 0.4333



20.1266, 0.3277, 0.3456



28.2917, 0.4838, 0.4541



2.9452, 0.4746, 0.4613

Inverse Universe

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



47.2044, 0.2441, 0.2431



40.5253, 0.2291, 0.2220



38.3300, 0.2524, 0.2103



18.2565, 0.2979, 0.3118



6.6763, 0.1607, 0.0986



0.8305, 0.1668, 0.1205

Previews

White Background



This preview shows how the Yxy color 75.9250, 0.3839, 0.4017 looks on a white background.

Color Contrast Check

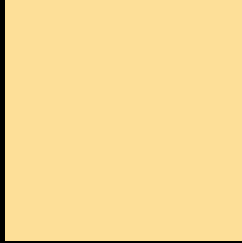
Large Text (above 18pt) WCAG AA × Fail

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 75.9250, 0.3839, 0.4017 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 75.9250, 0.3839, 0.4017

Background



This preview shows how black text looks on a background with the Yxy color 75.9250, 0.3839, 0.4017.



This preview shows how white text looks on a background with the Yxy color 75.9250, 0.3839, 0.4017.

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

75.9250, 0.3839, 0.4017

Protanopia

76.1051, 0.3759, 0.4052

Deuteranopia

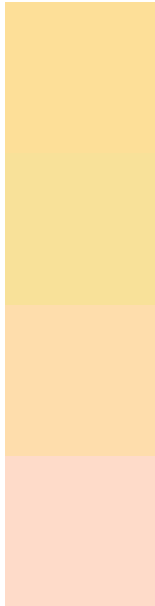
75.9071, 0.3639, 0.3660



Tritanopia

76.0289, 0.3323, 0.3161

Trichromacy



Original Color

75.9250, 0.3839, 0.4017

Protanomaly

76.1068, 0.3786, 0.4036

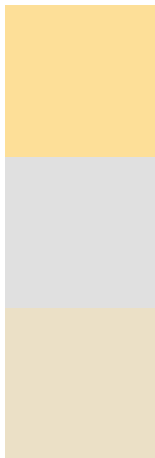
Deuteranomaly

75.7623, 0.3715, 0.3794

Tritanomaly

75.9509, 0.3511, 0.3475

Monochromacy



Original Color

75.9250, 0.3839, 0.4017

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.0507, 0.3381, 0.3568

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.9250, 0.3839, 0.4017 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(253, 223, 152)` looks like.

```
.text, #text, p{  
    color:rgb(253, 223, 152)  
}
```

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(253, 223, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 223, 152) }
```

Border

The CSS property to change the border of an element to Yxy 75.9250, 0.3839, 0.4017 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(253, 223, 152) }
```

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

```
.border{ border-color:rgb(253, 223, 152) }
```

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

Here you see how a box with a 4 pixel rgb(253, 223, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 223, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 223, 152);  
box-shadow:4px 4px 4px 4px rgb(253, 223,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 75.9250, 0.3839, 0.4017 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 223, 152) }
```

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

```
.background{ background-color: rgb(253,  
223, 152) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor