

Converting Colors

$Y_{xy}(75.7907, 0.3864, 0.4013)$

Have a look what the booklet for
Yxy(75.7907, 0.3864, 0.4013)
contains.

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Color

Yxy(75.7369, 0.3865, 0.4013)

Conversions

Conversions Part 1

Format	Color
Hex	FFDE97
RGB	255, 222, 151
RGB Percent	100%, 87%, 59%
CMY	0.0000, 0.1294, 0.4079
CMYK	0.00, 0.13, 0.41, 0.00
HSL	41°, 100%, 80%
HSV	41°, 41%, 100%
XYZ	72.9437, 75.7369, 40.0483
YIQ	223.7730, 42.4590, -15.0850

Conversions

Conversions Part 2

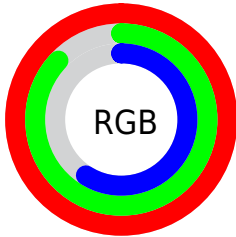
Format	Color
RYB	199, 255, 151
Decimal	16768663
CIELab	89.74, 2.01, 39.01
CIELCh	90, 39.060, 87.046
Yxy	75.7369, 0.3865, 0.4013
Android (android.graphics.Color)	4294958743 (0xFFFFDE97)
YUV	223.7730, -35.8771, 27.3861
Hunter-Lab	87.0269, -2.6831, 33.6347

Details

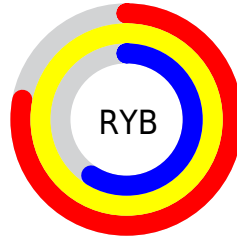
The Yxy color **75.7369, 0.3865, 0.4013** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.0670, 0.2429, 0.2435**, and the grayscale version is **74.6099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.2362, 0.3418, 0.3770**, and **40.4086, 0.4029, 0.4164** is the 20% darker color. If you saturate the color by 10%, you get **70.8064, 0.4073, 0.4180**, and if you desaturate by 10%, it is **81.0596, 0.3663, 0.3834**.

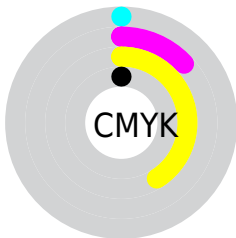
Distribution



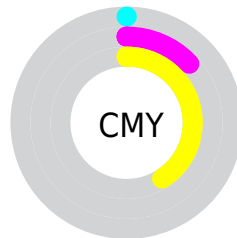
- Red (100%)
- Green (87%)
- Blue (59%)



- Red (78%)
- Yellow (100%)
- Blue (59%)



- Cyan (0%)
- Magenta (13%)
- Yellow (41%)
- Black (0%)




- Cyan (0%)
- Magenta (13%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7369, 0.3865, 0.4013 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 75.7369, 0.3865, 0.4013 by changing the saturation by 10% instead.

 75.7369, 0.3865,
0.4013


 75.7369, 0.3865,
0.4013


480.4466, 0.3532,
0.3689

 56.2168, 0.3937,
0.4083


 127.3549, 0.3752,
0.3904

 40.3768, 0.4025,
0.4166


 160.2216, 0.3707,
0.3860

 27.8324, 0.4131,
0.4267


198.3060, 0.3668,
0.3823

 18.1994, 0.4262,
0.4390

241.9924, 0.3634,
0.3789

 11.0932, 0.4424,
0.4540

291.6653, 0.3604,
0.3760

 6.1296, 0.4623,
0.4718

347.7090, 0.3577,

 2.9240, 0.4970,

0.3734

0.5030

410.5080, 0.3553,
0.3710

■ 1.0922, 0.5008,
0.4992

■ 0.0000, 1.0000,
0.0000

■ 75.7369, 0.3865,
0.4013

■ 75.7369, 0.3865,
0.4013

■ 70.8064, 0.4073,
0.4180

■ 81.0596, 0.3663,
0.3834

■ 66.2430, 0.4280,
0.4324

■ 86.7774, 0.3474,
0.3653

■ 62.0343, 0.4477,
0.4434

■ 92.9064, 0.3298,
0.3474

■ 58.1624, 0.4652,
0.4500

■ 99.4582, 0.3139,
0.3303

■ 54.6063, 0.4798,
0.4514

99.9980, 0.3127,
0.3290

■ 51.5800, 0.4906,
0.4487

Harmonies

Analogous

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



75.7369, 0.4050, 0.3717



75.7369, 0.3865, 0.4013



75.7369, 0.3485, 0.4131

Triad

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



75.7369, 0.3865, 0.4013



75.7369, 0.2349, 0.3137



75.7369, 0.3176, 0.2713

Complementary

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



75.7369, 0.3865, 0.4013



48.0670, 0.2429, 0.2435

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.



75.7369, 0.2730, 0.2561



75.7369, 0.3865, 0.4013



75.7369, 0.2281, 0.2769

Square

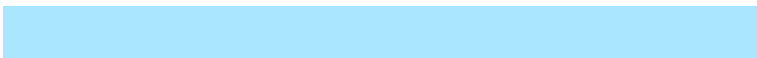
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.7369, 0.3865, 0.4013



75.7369, 0.2614, 0.3597



75.7369, 0.2414, 0.2573



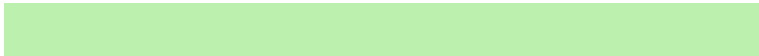
75.7369, 0.3639, 0.2993

Rectangle

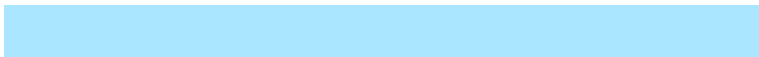
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



75.7369, 0.3865, 0.4013



75.7369, 0.3180, 0.4064



75.7369, 0.2414, 0.2573



75.7369, 0.3018, 0.2646

Sweetspot

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



75.7404, 0.3865, 0.4013



92.1478, 0.3319, 0.3495



46.9196, 0.3817, 0.2930



19.5484, 0.3341, 0.3519



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.



75.7404, 0.3865, 0.4013



71.6661, 0.4036, 0.4151



91.8652, 0.3619, 0.4347



20.0621, 0.3277, 0.3452



27.2348, 0.4891, 0.4498



2.8485, 0.4791, 0.4578

Inverse Universe

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



48.0670, 0.2429, 0.2435



40.5968, 0.2279, 0.2225



37.7108, 0.2484, 0.2066



18.3178, 0.2979, 0.3123



7.0726, 0.1621, 0.1034



0.8753, 0.1682, 0.1256

Previews

White Background



This preview shows how the Yxy color 75.7369, 0.3865, 0.4013 looks on a white background.

Color Contrast Check

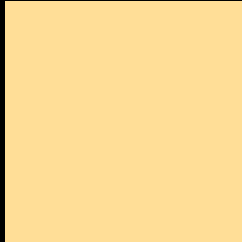
Large Text (above 18pt) WCAG AA × Fail

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 75.7369, 0.3865, 0.4013 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 75.7369, 0.3865, 0.4013

Background



This preview shows how black text looks on a background with the Yxy color 75.7369, 0.3865, 0.4013.



This preview shows how white text looks on a background with the Yxy color 75.7369, 0.3865, 0.4013.

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

75.7369, 0.3865, 0.4013

Protanopia

76.0722, 0.3766, 0.4062

Deuteranopia

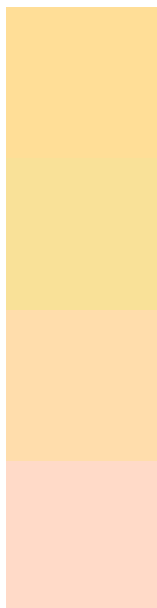
75.9071, 0.3639, 0.3660



Tritanopia

75.4623, 0.3331, 0.3160

Trichromacy



Original Color

75.7369, 0.3865, 0.4013

Protanomaly

76.2572, 0.3800, 0.4044

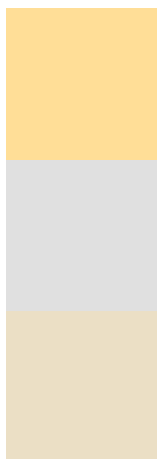
Deuteranomaly

75.9515, 0.3722, 0.3793

Tritanomaly

75.5729, 0.3528, 0.3475

Monochromacy



Original Color

75.7369, 0.3865, 0.4013

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.4687, 0.3389, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7369, 0.3865, 0.4013 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, 222, 151)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 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(255, 222, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 151) }
```

Border

The CSS property to change the border of an element to Yxy 75.7369, 0.3865, 0.4013 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, 222, 151) }
```

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

```
.border{ border-color:rgb(255, 222, 151) }
```

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

Here you see how a box with a 4 pixel rgb(255, 222, 151) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 151);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7369, 0.3865, 0.4013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 222, 151) }
```

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

```
.background{ background-color: rgb(255,  
222, 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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