

Converting Colors

$Y_{xy}(78.7139, 0.4007, 0.3888)$

Have a look what the booklet for
Yxy(78.7139, 0.4007, 0.3888)
contains.

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Color

Yxy(74.3574, 0.3835, 0.3925)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB9D
RGB	255, 219, 157
RGB Percent	100%, 86%, 62%
CMY	0.0001, 0.1411, 0.3842
CMYK	0.00, 0.14, 0.38, 0.00
HSL	38°, 100%, 81%
HSV	38°, 38%, 100%
XYZ	72.6524, 74.3574, 42.4358
YIQ	222.6960, 41.3580, -11.6500

Conversions

Conversions Part 2

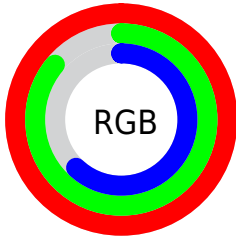
Format	Color
RYB	214, 255, 157
Decimal	16767901
CIELab	89.09, 4.19, 35.10
CIELCh	89, 35.350, 83.198
Yxy	74.3574, 0.3835, 0.3925
Android (android.graphics.Color)	4294957981 (0xFFFFDB9D)
YUV	222.6960, -32.3881, 28.3306
Hunter-Lab	86.2307, -0.5113, 31.1838

Details

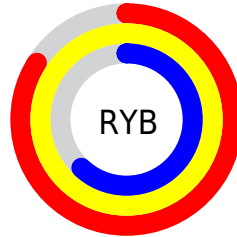
The Yxy color $74.3574, 0.3835, 0.3925$ is a light color, and the websafe version is hex `FFCC99`. A complement of this color would be $52.5271, 0.2482, 0.2555$, and the grayscale version is $73.7792, 0.3127, 0.3290$.

A 20% lighter version of the original color is $97.5335, 0.3382, 0.3711$, and $39.4412, 0.3996, 0.4057$ is the 20% darker color. If you saturate the color by 10%, you get $68.8300, 0.4055, 0.4085$, and if you desaturate by 10%, it is $80.3482, 0.3627, 0.3757$.

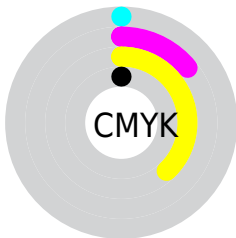
Distribution



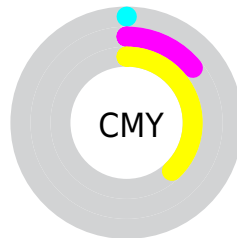
- Red (100%)
- Green (86%)
- Blue (62%)



- Red (84%)
- Yellow (100%)
- Blue (62%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)
- Black (0%)



- Cyan (0%)
- Magenta (14%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.3574, 0.3835, 0.3925 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 74.3574, 0.3835, 0.3925 by changing the saturation by 10% instead.


 74.3574, 0.3835,
0.3925

 74.3574, 0.3835,
0.3925

475.7060, 0.3512,
0.3640

 55.0866, 0.3906,
0.3987


 125.4023, 0.3725,
0.3829

 39.4711, 0.3993,
0.4060


 157.9452, 0.3681,
0.3791

 27.1264, 0.4100,
0.4150


195.6810, 0.3643,
0.3757

 17.6682, 0.4234,
0.4261

238.9939, 0.3610,
0.3728

 10.7120, 0.4404,
0.4397

288.2685, 0.3581,
0.3702

 5.8735, 0.4620,
0.4560

343.8891, 0.3556,

 2.7683, 0.5078,

0.3679

0.4922

406.2401, 0.3533,
0.3659

■ 1.0120, 0.5158,
0.4842

■ 0.0000, 1.0000,
0.0000

■ 74.3574, 0.3835,
0.3925

■ 74.3574, 0.3835,
0.3925

■ 68.8300, 0.4055,
0.4085

■ 80.3482, 0.3627,
0.3757

■ 63.7398, 0.4280,
0.4226

■ 86.8068, 0.3435,
0.3587

■ 59.0729, 0.4500,
0.4336

■ 93.7505, 0.3260,
0.3422

■ 54.8102, 0.4704,
0.4403

99.9950, 0.3127,
0.3290

■ 50.9298, 0.4881,
0.4419

■ 47.4029, 0.5024,
0.4384

■ 46.8697, 0.5045,
0.4376

Harmonies

Analogous

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



74.3574, 0.3972, 0.3644



74.3574, 0.3835, 0.3925



74.3574, 0.3508, 0.4053

Triad

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



74.3574, 0.3835, 0.3925



74.3574, 0.2437, 0.3205



74.3574, 0.3117, 0.2735

Complementary

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



74.3574, 0.3835, 0.3925



52.5271, 0.2482, 0.2555

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.



74.3574, 0.2720, 0.2613



74.3574, 0.3835, 0.3925



74.3574, 0.2348, 0.2852

Square

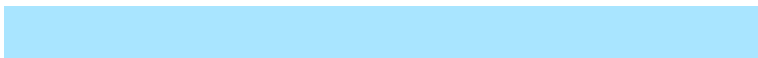
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3574, 0.3835, 0.3925



74.3574, 0.2702, 0.3622



74.3574, 0.2448, 0.2648



74.3574, 0.3544, 0.2981

Rectangle

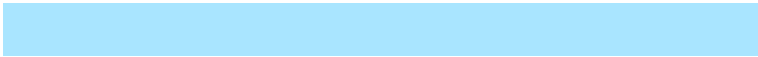
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3574, 0.3835, 0.3925



74.3574, 0.3233, 0.4011



74.3574, 0.2448, 0.2648



74.3574, 0.2976, 0.2678

Sweetspot

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



74.3609, 0.3835, 0.3925



91.2235, 0.3321, 0.3481



49.3016, 0.3712, 0.2901



19.3304, 0.3343, 0.3502



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.



74.3609, 0.3835, 0.3925



70.1392, 0.4001, 0.4048



93.0910, 0.3627, 0.4274



19.9035, 0.3278, 0.3440



24.7909, 0.5027, 0.4390



2.6225, 0.4907, 0.4486

Inverse Universe

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



52.5271, 0.2482, 0.2555



45.5513, 0.2347, 0.2378



39.7192, 0.2494, 0.2137



18.4698, 0.2979, 0.3135



8.1805, 0.1657, 0.1165



0.9964, 0.1719, 0.1390

Previews

White Background



This preview shows how the Yxy color 74.3574, 0.3835, 0.3925 looks on a white background.

Color Contrast Check

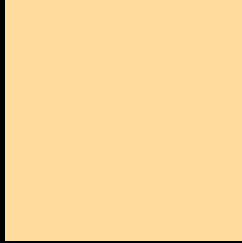
Large Text (above 18pt) WCAG AA × Fail

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 74.3574, 0.3835, 0.3925 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

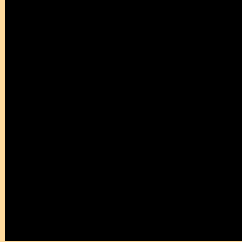
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.3574, 0.3835, 0.3925

Background



This preview shows how black text looks on a background with the Yxy color 74.3574, 0.3835, 0.3925.



This preview shows how white text looks on a background with the Yxy color 74.3574, 0.3835, 0.3925.

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

74.3574, 0.3835, 0.3925

Protanopia

74.5153, 0.3695, 0.3980

Deuteranopia

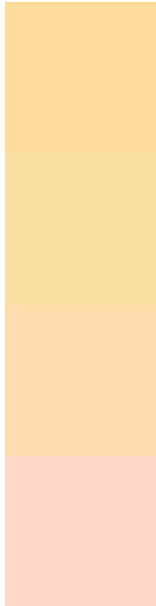
74.1810, 0.3677, 0.3671



Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.3574, 0.3835, 0.3925

Protanomaly

74.3040, 0.3748, 0.3961

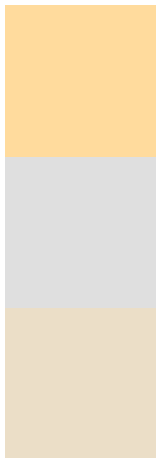
Deuteranomaly

74.3814, 0.3732, 0.3764

Tritanomaly

74.0779, 0.3527, 0.3434

Monochromacy



Original Color

74.3574, 0.3835, 0.3925

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.0282, 0.3377, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3574, 0.3835, 0.3925 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, 219, 157)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 157)  
}
```

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, 219, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 157) }
```

Border

The CSS property to change the border of an element to Yxy 74.3574, 0.3835, 0.3925 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, 219, 157) }
```

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

```
.border{ border-color:rgb(255, 219, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 219, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 157);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3574, 0.3835, 0.3925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 219, 157) }
```

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

```
.background{ background-color: rgb(255,  
219, 157) }
```

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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