

Converting Colors

$Y_{xy}(79.5967, 0.4089, 0.3980)$

Have a look what the booklet for
Yxy(79.5967, 0.4089, 0.3980)
contains.

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Color

Yxy(74.5530, 0.3901, 0.4033)

Conversions

Conversions Part 1

Format	Color
Hex	FFDC93
RGB	255, 220, 147
RGB Percent	100%, 86%, 58%
CMY	0.0000, 0.1373, 0.4235
CMYK	0.00, 0.14, 0.42, 0.00
HSL	41°, 100%, 79%
HSV	41°, 42%, 100%
XYZ	72.1129, 74.5530, 38.1915
YIQ	222.1430, 44.2930, -15.2830

Conversions

Conversions Part 2

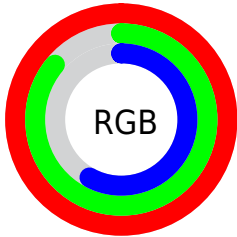
Format	Color
R _Y B	199, 255, 147
Decimal	16768147
CIE Lab	89.18, 2.66, 40.30
CIE LCh	89, 40.390, 86.230
Yxy	74.5530, 0.3901, 0.4033
Android (android.graphics.Color)	4294958227 (0xFFFFDC93)
YUV	222.1430, -37.0455, 28.8156
Hunter-Lab	86.3441, -2.0224, 34.2158

Details

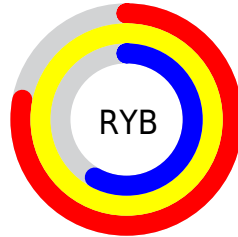
The Yxy color **74.5530, 0.3901, 0.4033** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.8826, 0.2402, 0.2406**, and the grayscale version is **73.3907, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **39.6068, 0.4075, 0.4187** is the 20% darker color. If you saturate the color by 10%, you get **69.6012, 0.4111, 0.4196**, and if you desaturate by 10%, it is **79.8852, 0.3696, 0.3857**.

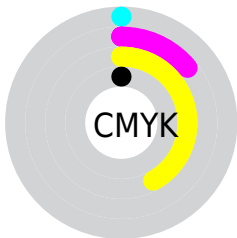
Distribution



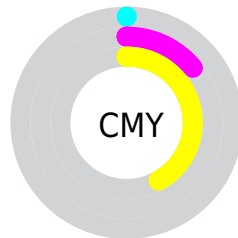
- Red (100%)
- Green (86%)
- Blue (58%)



- Red (78%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.5530, 0.3901, 0.4033 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 74.5530, 0.3901, 0.4033 by changing the saturation by 10% instead.


 74.5530, 0.3901,
0.4033


 74.5530, 0.3901,
0.4033


476.3798, 0.3551,
0.3701

 55.2468, 0.3977,
0.4104

 125.6794, 0.3782,
0.3921

 39.5993, 0.4069,
0.4189


 158.2684, 0.3735,
0.3877

 27.2263, 0.4180,
0.4291


196.0537, 0.3694,
0.3838

 17.7432, 0.4317,
0.4415

239.4198, 0.3659,
0.3804

 10.7658, 0.4485,
0.4564

288.7511, 0.3627,
0.3774

 5.9096, 0.4695,
0.4743

344.4319, 0.3599,

 2.7902, 0.5003,

0.3747

0.4997

406.8467, 0.3574,
0.3723

■ 1.0232, 0.5054,
0.4946

■ 0.0000, 0.0000,
0.0000

■ 74.5530, 0.3901,
0.4033

■ 74.5530, 0.3901,
0.4033

■ 69.6012, 0.4111,
0.4196

■ 79.8852, 0.3696,
0.3857

■ 65.0322, 0.4320,
0.4334

■ 85.6289, 0.3503,
0.3677

■ 60.8239, 0.4516,
0.4437

■ 91.7913, 0.3325,
0.3500

■ 56.9577, 0.4691,
0.4493

■ 98.3844, 0.3163,
0.3329

■ 53.4117, 0.4835,
0.4498

100.0000, 0.3127,
0.3290

■ 50.8933, 0.4925,
0.4471

Harmonies

Analogous

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



74.5530, 0.4088, 0.3720



74.5530, 0.3901, 0.4033



74.5530, 0.3510, 0.4166

Triad

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



74.5530, 0.3901, 0.4033



74.5530, 0.2326, 0.3141



74.5530, 0.3163, 0.2686

Complementary

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



74.5530, 0.3901, 0.4033



46.8826, 0.2402, 0.2406

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.



74.5530, 0.2703, 0.2533



74.5530, 0.3901, 0.4033



74.5530, 0.2249, 0.2756

Square

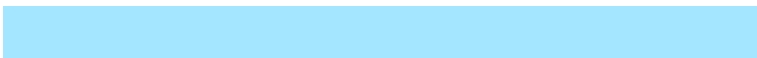
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.5530, 0.3901, 0.4033



74.5530, 0.2604, 0.3622



74.5530, 0.2381, 0.2550



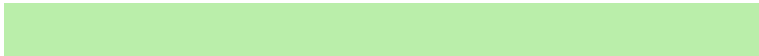
74.5530, 0.3647, 0.2972

Rectangle

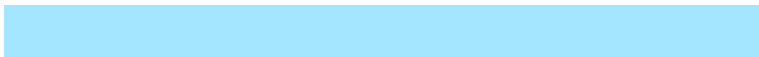
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.5530, 0.3901, 0.4033



74.5530, 0.3194, 0.4102



74.5530, 0.2381, 0.2550



74.5530, 0.3000, 0.2618

Sweetspot

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



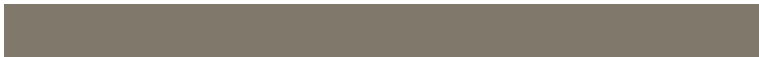
74.5472, 0.3901, 0.4033



91.3801, 0.3336, 0.3511



45.5458, 0.3856, 0.2916



19.2614, 0.3374, 0.3550



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.



74.5472, 0.3901, 0.4033



70.2482, 0.4082, 0.4175



91.6310, 0.3636, 0.4387



20.0397, 0.3277, 0.3450



26.8759, 0.4910, 0.4483



2.8155, 0.4807, 0.4565

Inverse Universe

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



46.8826, 0.2402, 0.2406



39.2534, 0.2245, 0.2185



36.0861, 0.2453, 0.2012



18.3391, 0.2979, 0.3125



7.2176, 0.1626, 0.1052



0.8915, 0.1687, 0.1274

Previews

White Background



This preview shows how the Yxy color 74.5530, 0.3901, 0.4033 looks on a white background.

Color Contrast Check

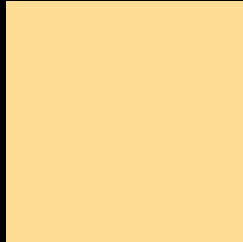
Large Text (above 18pt) WCAG AA × Fail

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 74.5530, 0.3901, 0.4033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

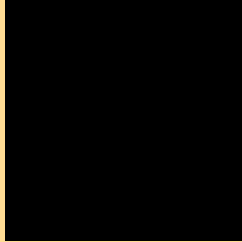
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.5530, 0.3901, 0.4033

Background



This preview shows how black text looks on a background with the Yxy color 74.5530, 0.3901, 0.4033.



This preview shows how white text looks on a background with the Yxy color 74.5530, 0.3901, 0.4033.

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

74.5530, 0.3901, 0.4033

Protanopia

74.5359, 0.3778, 0.4078

Deuteranopia

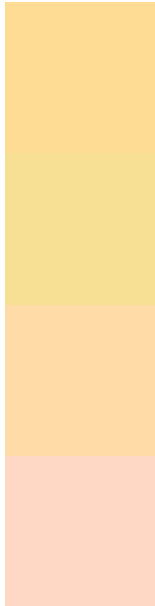
74.6172, 0.3688, 0.3702



Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.5530, 0.3901, 0.4033

Protanomaly

74.6876, 0.3819, 0.4070

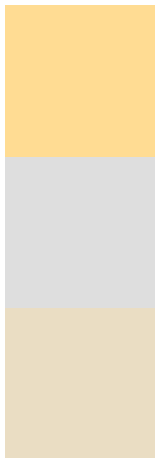
Deuteranomaly

74.7131, 0.3765, 0.3824

Tritanomaly

74.4030, 0.3554, 0.3486

Monochromacy



Original Color

74.5530, 0.3901, 0.4033

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.1455, 0.3399, 0.3570

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5530, 0.3901, 0.4033 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, 220, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 220, 147)  
}
```

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, 220, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 147) }
```

Border

The CSS property to change the border of an element to Yxy 74.5530, 0.3901, 0.4033 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, 220, 147) }
```

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

```
.border{ border-color:rgb(255, 220, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 220, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5530, 0.3901, 0.4033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 220, 147) }
```

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

```
.background{ background-color: rgb(255,  
220, 147) }
```

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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