

Converting Colors

$Yxy(76.1430, 0.3887, 0.4061)$

Have a look what the booklet for
Yxy(76.1430, 0.3887, 0.4061)
contains.

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Color

Yxy(76.1419, 0.3888, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	FFDF93
RGB	255, 223, 147
RGB Percent	100%, 87%, 58%
CMY	0.0000, 0.1255, 0.4236
CMYK	0.00, 0.13, 0.42, 0.00
HSL	42°, 100%, 79%
HSV	42°, 42%, 100%
XYZ	72.8982, 76.1419, 38.4553
YIQ	223.9040, 43.4680, -16.8520

Conversions

Conversions Part 2

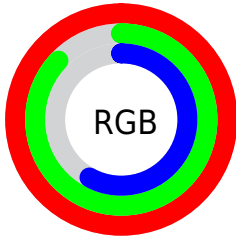
Format	Color
R _Y B	192, 255, 147
Decimal	16768915
CIE Lab	89.93, 1.11, 41.26
CIE LCh	90, 41.273, 88.463
Yxy	76.1419, 0.3888, 0.4061
Android (android.graphics.Color)	4294958995 (0xFFFFDF93)
YUV	223.9040, -37.9137, 27.2712
Hunter-Lab	87.2593, -3.5813, 34.9523

Details

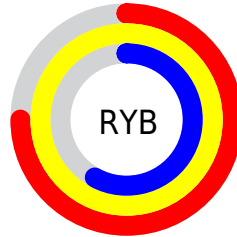
The Yxy color **76.1419, 0.3888, 0.4061** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **45.6602, 0.2396, 0.2368**, and the grayscale version is **74.7209, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0443, 0.3442, 0.3810**, and **40.7018, 0.4055, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **71.4810, 0.4090, 0.4229**, and if you desaturate by 10%, it is **81.1612, 0.3689, 0.3879**.

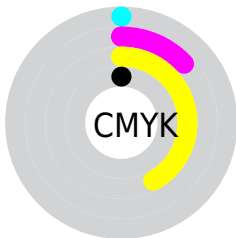
Distribution



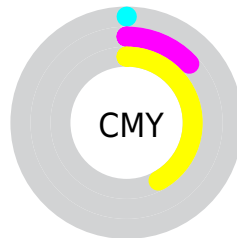
- Red (100%)
- Green (87%)
- Blue (58%)



- Red (75%)
- Yellow (100%)
- Blue (58%)



- Cyan (0%)
- Magenta (13%)
- Yellow (42%)
- Black (0%)





- Cyan (0%)
- Magenta (13%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.1419, 0.3888, 0.4061 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 76.1419, 0.3888, 0.4061 by changing the saturation by 10% instead.


 76.1419, 0.3888,
0.4061


 76.1419, 0.3888,
0.4061


481.8333, 0.3546,
0.3716

 56.5489, 0.3962,
0.4135


 127.9275, 0.3773,
0.3945

 40.6432, 0.4050,
0.4223


 160.8888, 0.3727,
0.3899

 28.0404, 0.4157,
0.4329


199.0750, 0.3687,
0.3858

 18.3561, 0.4287,
0.4458

242.8705, 0.3652,
0.3823

 11.2059, 0.4446,
0.4614

292.6597, 0.3621,
0.3792

 6.2055, 0.4640,
0.4801

348.8270, 0.3593,

 2.9705, 0.4926,

0.3764

0.5074

411.7567, 0.3568,
0.3739

■ 1.1163, 0.4947,
0.5053

■ 0.0000, 1.0000,
0.0000

■ 76.1419, 0.3888,
0.4061

■ 76.1419, 0.3888,
0.4061

■ 71.4810, 0.4090,
0.4229

■ 81.1612, 0.3689,
0.3879

■ 67.1631, 0.4289,
0.4373

■ 86.5506, 0.3500,
0.3693

■ 63.1729, 0.4474,
0.4480

■ 92.3229, 0.3324,
0.3508

■ 59.4927, 0.4637,
0.4542

■ 98.4893, 0.3163,
0.3330

■ 56.1014, 0.4768,
0.4553

100.0000, 0.3127,
0.3290

■ 53.6811, 0.4850,
0.4531

Harmonies

Analogous

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



76.1419, 0.4097, 0.3753



76.1419, 0.3888, 0.4061



76.1419, 0.3480, 0.4179

Triad

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



76.1419, 0.3888, 0.4061



76.1419, 0.2302, 0.3104



76.1419, 0.3201, 0.2695

Complementary

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



76.1419, 0.3888, 0.4061



45.6602, 0.2396, 0.2368

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.



76.1419, 0.2728, 0.2529



76.1419, 0.3888, 0.4061



76.1419, 0.2240, 0.2726

Square

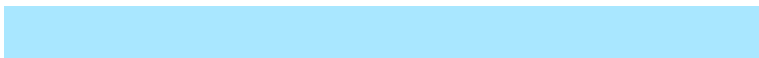
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



76.1419, 0.3888, 0.4061



76.1419, 0.2569, 0.3591



76.1419, 0.2389, 0.2532



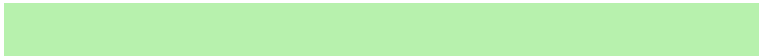
76.1419, 0.3688, 0.2993

Rectangle

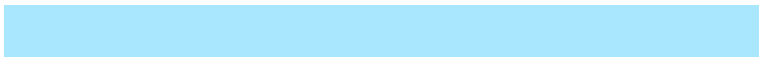
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.1419, 0.3888, 0.4061



76.1419, 0.3158, 0.4100



76.1419, 0.2389, 0.2532



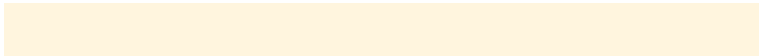
76.1419, 0.3034, 0.2623

Sweetspot

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



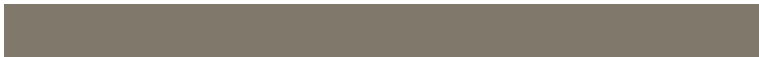
76.1423, 0.3888, 0.4061



91.9388, 0.3335, 0.3520



45.3965, 0.3894, 0.2953



19.4000, 0.3373, 0.3560



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.



76.1423, 0.3888, 0.4061



72.0922, 0.4063, 0.4208



91.0173, 0.3612, 0.4397



20.1284, 0.3277, 0.3457



28.3220, 0.4836, 0.4542



2.9479, 0.4745, 0.4614

Inverse Universe

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



45.6602, 0.2396, 0.2368



37.9415, 0.2236, 0.2138



36.4762, 0.2479, 0.2021



18.2547, 0.2979, 0.3118



6.6656, 0.1607, 0.0985



0.8293, 0.1668, 0.1203

Previews

White Background



This preview shows how the Yxy color 76.1419, 0.3888, 0.4061 looks on a white background.

Color Contrast Check

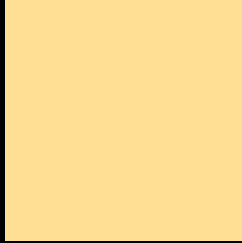
Large Text (above 18pt) WCAG AA × Fail

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 76.1419, 0.3888, 0.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

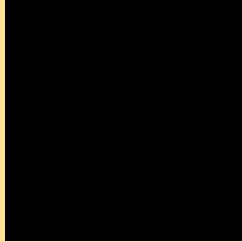
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 76.1419, 0.3888, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 76.1419, 0.3888, 0.4061.



This preview shows how white text looks on a background with the Yxy color 76.1419, 0.3888, 0.4061.

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

76.1419, 0.3888, 0.4061

Protanopia

76.1237, 0.3800, 0.4100

Deuteranopia

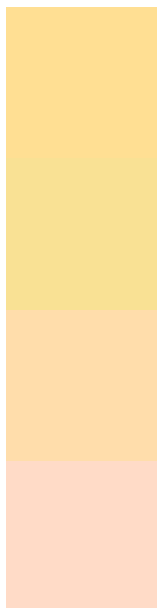
75.9071, 0.3639, 0.3660



Tritanopia

76.0289, 0.3323, 0.3161

Trichromacy



Original Color

76.1419, 0.3888, 0.4061

Protanomaly

76.1283, 0.3827, 0.4084

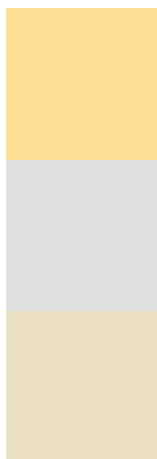
Deuteranomaly

75.9132, 0.3729, 0.3803

Tritanomaly

76.0466, 0.3533, 0.3495

Monochromacy



Original Color

76.1419, 0.3888, 0.4061

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.9590, 0.3395, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.1419, 0.3888, 0.4061 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, 223, 147)` looks like.

```
.text, #text, p{  
    color:rgb(255, 223, 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, 223, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 223, 147) }
```

Border

The CSS property to change the border of an element to Yxy 76.1419, 0.3888, 0.4061 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, 223, 147) }
```

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

```
.border{ border-color:rgb(255, 223, 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, 223, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 223, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 223, 147);  
box-shadow:4px 4px 4px 4px rgb(255, 223,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 76.1419, 0.3888, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 223, 147) }
```

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

```
.background{ background-color: rgb(255,  
223, 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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