

Converting Colors

$Y_{xy}(80.0638, 0.4064, 0.3985)$

Have a look what the booklet for
Yxy(80.0638, 0.4064, 0.3985)
contains.

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Color

Yxy(75.6407, 0.3885, 0.4042)

Conversions

Conversions Part 1

Format	Color
Hex	FFDE94
RGB	255, 222, 148
RGB Percent	100%, 87%, 58%
CMY	0.0001, 0.1294, 0.4195
CMYK	0.00, 0.13, 0.42, 0.00
HSL	42°, 100%, 79%
HSV	42°, 42%, 100%
XYZ	72.7027, 75.6407, 38.7935
YIQ	223.4310, 43.4220, -16.0180

Conversions

Conversions Part 2

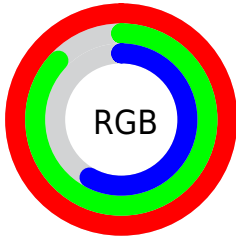
Format	Color
R _Y B	196, 255, 148
Decimal	16768660
CIE Lab	89.69, 1.70, 40.44
CIE LCh	90, 40.479, 87.591
Yxy	75.6407, 0.3885, 0.4042
Android (android.graphics.Color)	4294958740 (0xFFFFDE94)
YUV	223.4310, -37.1875, 27.6860
Hunter-Lab	86.9717, -2.9860, 34.4340

Details

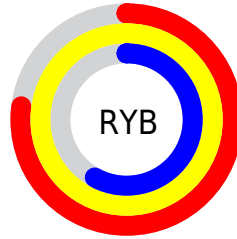
The Yxy color **75.6407, 0.3885, 0.4042** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.5607, 0.2406, 0.2394**, and the grayscale version is **74.3631, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.0918, 0.3436, 0.3800**, and **40.3523, 0.4053, 0.4199** is the 20% darker color. If you saturate the color by 10%, you get **70.8450, 0.4091, 0.4209**, and if you desaturate by 10%, it is **80.8159, 0.3684, 0.3862**.

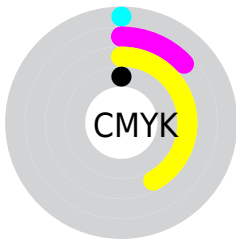
Distribution



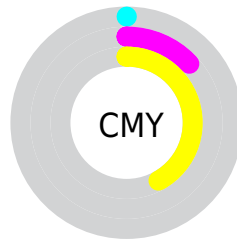
- Red (100%)
- Green (87%)
- Blue (58%)



- Red (77%)
- 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 75.6407, 0.3885, 0.4042 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 75.6407, 0.3885, 0.4042 by changing the saturation by 10% instead.


 75.6407, 0.3885,
0.4042


 75.6407, 0.3885,
0.4042


480.1169, 0.3543,
0.3706

 56.1379, 0.3959,
0.4114


 127.2189, 0.3769,
0.3929

 40.3135, 0.4048,
0.4200


 160.0631, 0.3724,
0.3884

 27.7831, 0.4155,
0.4304


198.1232, 0.3684,
0.3844

 18.1622, 0.4287,
0.4431

241.7837, 0.3649,
0.3810

 11.0665, 0.4449,
0.4583

291.4289, 0.3618,
0.3779

 6.1116, 0.4648,
0.4766


347.4433, 0.3590,


 2.9131, 0.4955,

0.3752


0.5045


410.2111, 0.3566,
0.3728


 1.0865, 0.4987,
0.5013


 0.0000, 1.0000,
0.0000


 75.6407, 0.3885,
0.4042


 75.6407, 0.3885,
0.4042


 70.8450, 0.4091,
0.4209


 80.8159, 0.3684,
0.3862

 66.4039, 0.4294,
0.4351

 86.3734, 0.3494,
0.3679

 62.3049, 0.4485,
0.4458

 92.3290, 0.3318,
0.3497

 58.5301, 0.4654,
0.4520

 98.6944, 0.3157,
0.3323

■ 55.0583, 0.4792,
0.4530

99.9964, 0.3127,
0.3290

■ 52.4588, 0.4882,
0.4506

Harmonies

Analogous

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



75.6407, 0.4083, 0.3736



75.6407, 0.3885, 0.4042



75.6407, 0.3488, 0.4163

Triad

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



75.6407, 0.3885, 0.4042



75.6407, 0.2320, 0.3121



75.6407, 0.3186, 0.2698

Complementary

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



75.6407, 0.3885, 0.4042



46.5607, 0.2406, 0.2394

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.



75.6407, 0.2723, 0.2538



75.6407, 0.3885, 0.4042



75.6407, 0.2253, 0.2744

Square

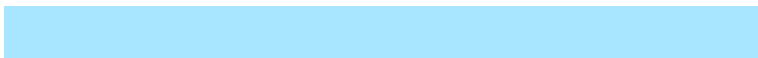
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



75.6407, 0.3885, 0.4042



75.6407, 0.2589, 0.3600



75.6407, 0.2394, 0.2547



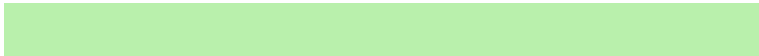
75.6407, 0.3666, 0.2988

Rectangle

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



75.6407, 0.3885, 0.4042



75.6407, 0.3172, 0.4091



75.6407, 0.2394, 0.2547



75.6407, 0.3022, 0.2628

Sweetspot

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



75.6442, 0.3885, 0.4042



91.6988, 0.3335, 0.3516



45.8161, 0.3864, 0.2938



19.3405, 0.3373, 0.3556



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.



75.6442, 0.3885, 0.4042



71.7634, 0.4051, 0.4178



91.3721, 0.3620, 0.4381



20.0903, 0.3277, 0.3454



27.6927, 0.4868, 0.4517



2.8904, 0.4772, 0.4593

Inverse Universe

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



46.5607, 0.2406, 0.2394



39.3348, 0.2258, 0.2185



36.6899, 0.2474, 0.2030



18.2909, 0.2979, 0.3121



6.8954, 0.1615, 0.1013



0.8554, 0.1676, 0.1233

Previews

White Background



This preview shows how the Yxy color 75.6407, 0.3885, 0.4042 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 75.6407, 0.3885, 0.4042 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 75.6407, 0.3885, 0.4042

Background



This preview shows how black text looks on a background with the Yxy color 75.6407, 0.3885, 0.4042.



This preview shows how white text looks on a background with the Yxy color 75.6407, 0.3885, 0.4042.

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

75.6407, 0.3885, 0.4042

Protanopia

75.9751, 0.3786, 0.4092

Deuteranopia

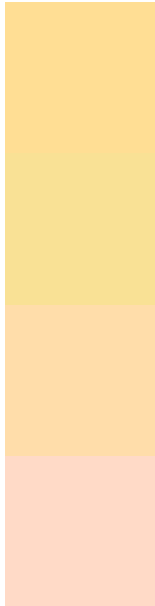
75.8653, 0.3647, 0.3670



Tritanopia

75.4623, 0.3331, 0.3160

Trichromacy



Original Color

75.6407, 0.3885, 0.4042

Protanomaly

76.1601, 0.3820, 0.4074

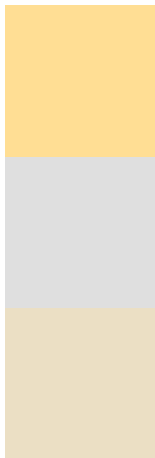
Deuteranomaly

75.8752, 0.3737, 0.3813

Tritanomaly

75.5263, 0.3535, 0.3485

Monochromacy



Original Color

75.6407, 0.3885, 0.4042

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.4230, 0.3396, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.6407, 0.3885, 0.4042 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, 148)` looks like.

```
.text, #text, p{  
    color:rgb(255, 222, 148)  
}
```

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, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 222, 148) }
```

Border

The CSS property to change the border of an element to Yxy 75.6407, 0.3885, 0.4042 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, 148) }
```

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

```
.border{ border-color:rgb(255, 222, 148) }
```

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, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 222, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 222, 148);  
box-shadow:4px 4px 4px 4px rgb(255, 222,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 75.6407, 0.3885, 0.4042 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, 148) }
```

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

```
.background{ background-color: rgb(255,  
222, 148) }
```

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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