

Converting Colors

$Y_{xy}(79.1440, 0.4140, 0.4049)$

Have a look what the booklet for
Yxy(79.1440, 0.4140, 0.4049)
contains.

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Color

Yxy(74.3105, 0.3954, 0.4110)

Conversions

Conversions Part 1

Format	Color
Hex	FFDC8B
RGB	255, 220, 139
RGB Percent	100%, 86%, 55%
CMY	0.0001, 0.1372, 0.4549
CMYK	0.00, 0.14, 0.45, 0.00
HSL	42°, 100%, 77%
HSV	42°, 45%, 100%
XYZ	71.4900, 74.3105, 35.0037
YIQ	221.2310, 46.8610, -17.7710

Conversions

Conversions Part 2

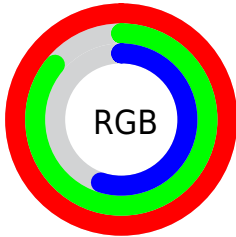
Format	Color
R _Y B	189, 255, 139
Decimal	16768139
CIE Lab	89.07, 1.83, 44.14
CIE LCh	89, 44.183, 87.625
Yxy	74.3105, 0.3954, 0.4110
Android (android.graphics.Color)	4294958219 (0xFFFFDC8B)
YUV	221.2310, -40.5399, 29.6154
Hunter-Lab	86.2035, -2.8233, 36.2673

Details

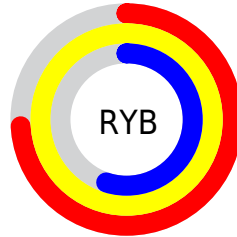
The Yxy color **74.3105, 0.3954, 0.4110** is a light color, and the websafe version is hex **FFCC66**. A complement of this color would be **42.9741, 0.2339, 0.2293**, and the grayscale version is **72.7444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.6750, 0.3490, 0.3890**, and **39.3341, 0.4129, 0.4281** is the 20% darker color. If you saturate the color by 10%, you get **69.7092, 0.4158, 0.4271**, and if you desaturate by 10%, it is **79.2783, 0.3752, 0.3932**.

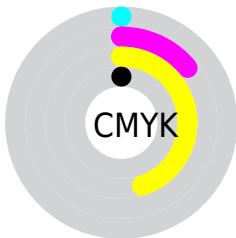
Distribution



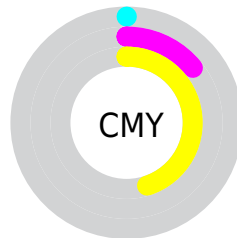
- Red (100%)
- Green (86%)
- Blue (55%)



- Red (74%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (14%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3105, 0.3954, 0.4110 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 74.3105, 0.3954, 0.4110 by changing the saturation by 10% instead.


 74.3105, 0.3954,
0.4110

 74.3105, 0.3954,
0.4110


475.5443, 0.3582,
0.3744


 55.0482, 0.4034,
0.4188


 125.3359, 0.3829,
0.3987

 39.4403, 0.4129,
0.4280


 157.8677, 0.3779,
0.3938

 27.1024, 0.4243,
0.4389


 195.5916, 0.3735,
0.3896

 17.6502, 0.4381,
0.4521

238.8918, 0.3697,
0.3858

 10.6991, 0.4546,
0.4674

288.1528, 0.3663,
0.3825

 5.8649, 0.4772,
0.4881

343.7589, 0.3633,

 2.7631, 0.4963,

0.3795

0.5037

406.0947, 0.3607,
0.3768

■ 1.0093, 0.4999,
0.5001

■ 0.0000, 0.0000,
0.0000

■ 74.3105, 0.3954,
0.4110

■ 74.3105, 0.3954,
0.4110

■ 69.7092, 0.4158,
0.4271

■ 79.2783, 0.3752,
0.3932

■ 65.4491, 0.4355,
0.4403

■ 84.6156, 0.3559,
0.3748

■ 61.5174, 0.4537,
0.4496

■ 90.3384, 0.3378,
0.3563

■ 57.8954, 0.4692,
0.4541

■ 96.4585, 0.3212,
0.3384

■ 54.5604, 0.4816,
0.4535

99.9973, 0.3127,
0.3290

■ 53.1346, 0.4864,
0.4520

Harmonies

Analogous

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



74.3105, 0.4175, 0.3770



74.3105, 0.3954, 0.4110



74.3105, 0.3518, 0.4252

Triad

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



74.3105, 0.3954, 0.4110



74.3105, 0.2246, 0.3100



74.3105, 0.3190, 0.2646

Complementary

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



74.3105, 0.3954, 0.4110



42.9741, 0.2339, 0.2293

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.



74.3105, 0.2684, 0.2473



74.3105, 0.3954, 0.4110



74.3105, 0.2176, 0.2689

Square

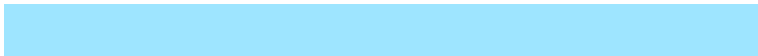
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3105, 0.3954, 0.4110



74.3105, 0.2536, 0.3630



74.3105, 0.2328, 0.2479



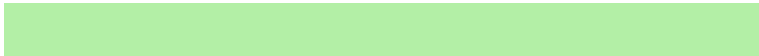
74.3105, 0.3719, 0.2960

Rectangle

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



74.3105, 0.3954, 0.4110



74.3105, 0.3171, 0.4176



74.3105, 0.2328, 0.2479



74.3105, 0.3011, 0.2571

Sweetspot

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



74.3140, 0.3954, 0.4110



91.2327, 0.3352, 0.3536



42.8490, 0.3957, 0.2910



19.2534, 0.3390, 0.3576



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.



74.3140, 0.3954, 0.4110



69.9327, 0.4148, 0.4263



90.8209, 0.3656, 0.4471



20.1116, 0.3277, 0.3455



28.0421, 0.4850, 0.4531



2.9224, 0.4757, 0.4605

Inverse Universe

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



42.9741, 0.2339, 0.2293



34.9768, 0.2166, 0.2039



33.1882, 0.2407, 0.1909



18.2707, 0.2979, 0.3119



6.7659, 0.1610, 0.0997



0.8407, 0.1671, 0.1217

Previews

White Background



This preview shows how the Yxy color 74.3105, 0.3954, 0.4110 looks on a white background.

Color Contrast Check

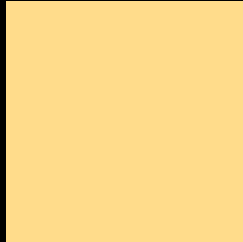
Large Text (above 18pt) WCAG AA × Fail

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 74.3105, 0.3954, 0.4110 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 74.3105, 0.3954, 0.4110

Background



This preview shows how black text looks on a background with the Yxy color 74.3105, 0.3954, 0.4110.



This preview shows how white text looks on a background with the Yxy color 74.3105, 0.3954, 0.4110.

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

74.3105, 0.3954, 0.4110

Protanopia

74.4379, 0.3844, 0.4166

Deuteranopia

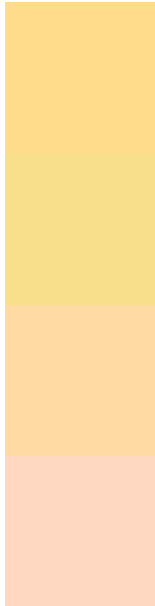
74.5374, 0.3703, 0.3722



Tritanopia

74.2847, 0.3355, 0.3170

Trichromacy



Original Color

74.3105, 0.3954, 0.4110

Protanomaly

74.6253, 0.3880, 0.4146

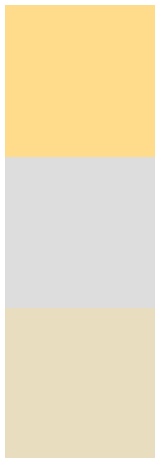
Deuteranomaly

74.5674, 0.3793, 0.3865

Tritanomaly

74.2668, 0.3577, 0.3517

Monochromacy



Original Color

74.3105, 0.3954, 0.4110

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.7981, 0.3420, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3105, 0.3954, 0.4110 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, 139)` looks like.

```
.text, #text, p{  
  color:rgb(255, 220, 139)  
}
```

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, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 220, 139) }
```

Border

The CSS property to change the border of an element to Yxy 74.3105, 0.3954, 0.4110 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, 139) }
```

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

```
.border{ border-color:rgb(255, 220, 139) }
```

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, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 220, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 220, 139);  
box-shadow:4px 4px 4px 4px rgb(255, 220,  
139) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3105, 0.3954, 0.4110 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, 139) }
```

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

```
.background{ background-color: rgb(255,  
220, 139) }
```

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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