

Converting Colors

$Yxy(76.1468, 0.3924, 0.3940)$

Have a look what the booklet for
Yxy(76.1468, 0.3924, 0.3940)
contains.

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Color

Yxy(74.2561, 0.3856, 0.3955)

Conversions

Conversions Part 1

Format	Color
Hex	FFDB9A
RGB	255, 219, 154
RGB Percent	100%, 86%, 60%
CMY	0.0001, 0.1411, 0.3960
CMYK	0.00, 0.14, 0.40, 0.00
HSL	39°, 100%, 80%
HSV	39°, 40%, 100%
XYZ	72.3974, 74.2561, 41.0990
YIQ	222.3540, 42.3210, -12.5830

Conversions

Conversions Part 2

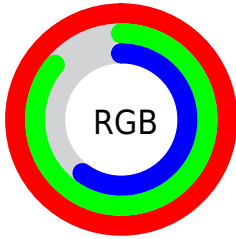
Format	Color
R _Y B	210, 255, 154
Decimal	16767898
CIE Lab	89.04, 3.86, 36.57
CIE LCh	89, 36.772, 83.979
Yxy	74.2561, 0.3856, 0.3955
Android (android.graphics.Color)	4294957978 (0xFFFFDB9A)
YUV	222.3540, -33.6985, 28.6305
Hunter-Lab	86.1720, -0.8343, 32.0425

Details

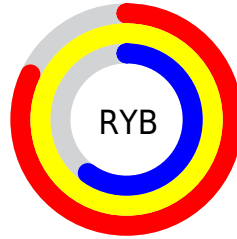
The Yxy color **74.2561, 0.3856, 0.3955** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.9079, 0.2459, 0.2514**, and the grayscale version is **73.5321, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.3834, 0.3400, 0.3741**, and **39.3805, 0.4022, 0.4093** is the 20% darker color. If you saturate the color by 10%, you get **68.8877, 0.4074, 0.4116**, and if you desaturate by 10%, it is **80.0704, 0.3648, 0.3785**.

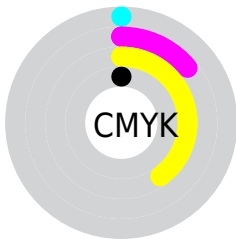
Distribution



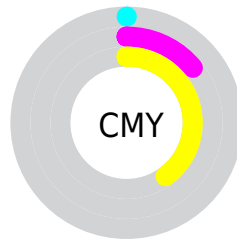
- Red (100%)
- Green (86%)
- Blue (60%)



- Red (82%)
- Yellow (100%)
- Blue (60%)



- Cyan (0%)
- Magenta (14%)
- Yellow (40%)
- Black (0%)





- Cyan (0%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.2561, 0.3856, 0.3955 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 74.2561, 0.3856, 0.3955 by changing the saturation by 10% instead.


 74.2561, 0.3856,
0.3955

 74.2561, 0.3856,
0.3955


475.3568, 0.3524,
0.3657

 55.0037, 0.3929,
0.4019


 125.2588, 0.3743,
0.3854

 39.4047, 0.4018,
0.4096


 157.7778, 0.3698,
0.3814

 27.0747, 0.4126,
0.4190


195.4879, 0.3659,
0.3780

 17.6293, 0.4262,
0.4304

238.7733, 0.3625,
0.3749

 10.6842, 0.4433,
0.4444

288.0185, 0.3596,
0.3722

 5.8549, 0.4647,
0.4609

343.6079, 0.3569,

 2.7570, 0.5062,

0.3698

0.4938

405.9259, 0.3545,
0.3676

■ 1.0062, 0.5136,
0.4864

■ 0.0000, 0.0000,
0.0000

■ 74.2561, 0.3856,
0.3955

■ 74.2561, 0.3856,
0.3955

■ 68.8877, 0.4074,
0.4116

■ 80.0704, 0.3648,
0.3785

■ 63.9392, 0.4295,
0.4256

■ 86.3346, 0.3455,
0.3612

■ 59.3971, 0.4509,
0.4363

■ 93.0660, 0.3279,
0.3444

■ 55.2423, 0.4706,
0.4427

99.9941, 0.3127,
0.3290

■ 51.4530, 0.4873,
0.4439

■ 47.9972, 0.5009,
0.4403

■ 47.8615, 0.5014,
0.4401

Harmonies

Analogous

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



74.2561, 0.4006, 0.3664



74.2561, 0.3856, 0.3955



74.2561, 0.3511, 0.4085

Triad

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



74.2561, 0.3856, 0.3955



74.2561, 0.2405, 0.3189



74.2561, 0.3128, 0.2719

Complementary

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



74.2561, 0.3856, 0.3955



50.9079, 0.2459, 0.2514

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.



74.2561, 0.2713, 0.2589



74.2561, 0.3856, 0.3955



74.2561, 0.2319, 0.2826

Square

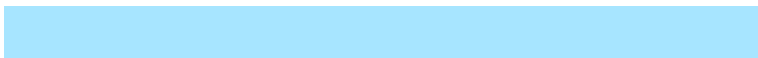
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.2561, 0.3856, 0.3955



74.2561, 0.2676, 0.3624



74.2561, 0.2427, 0.2620



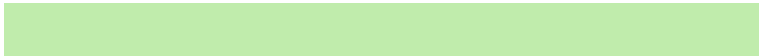
74.2561, 0.3571, 0.2976

Rectangle

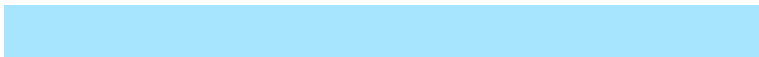
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.2561, 0.3856, 0.3955



74.2561, 0.3225, 0.4038



74.2561, 0.2427, 0.2620



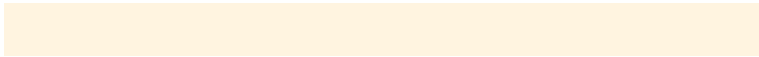
74.2561, 0.2980, 0.2660

Sweetspot

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



74.2596, 0.3856, 0.3955



91.4259, 0.3320, 0.3484



48.1369, 0.3754, 0.2906



19.3781, 0.3343, 0.3506



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.



74.2596, 0.3856, 0.3955



69.7325, 0.4039, 0.4091



92.6248, 0.3629, 0.4308



19.9383, 0.3278, 0.3443



25.3078, 0.4997, 0.4414



2.6706, 0.4881, 0.4506

Inverse Universe

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



50.9079, 0.2459, 0.2514



43.3012, 0.2309, 0.2313



38.6059, 0.2482, 0.2100



18.4363, 0.2979, 0.3133



7.9210, 0.1649, 0.1135



0.9685, 0.1711, 0.1360

Previews

White Background



This preview shows how the Yxy color 74.2561, 0.3856, 0.3955 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 74.2561, 0.3856, 0.3955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

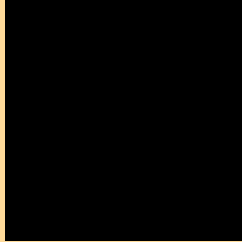
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.2561, 0.3856, 0.3955

Background



This preview shows how black text looks on a background with the Yxy color 74.2561, 0.3856, 0.3955.



This preview shows how white text looks on a background with the Yxy color 74.2561, 0.3856, 0.3955.

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

74.2561, 0.3856, 0.3955

Protanopia

74.5889, 0.3723, 0.4009

Deuteranopia

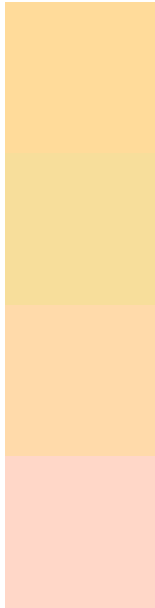
74.1404, 0.3684, 0.3682



Tritanopia

74.3395, 0.3348, 0.3160

Trichromacy



Original Color

74.2561, 0.3856, 0.3955

Protanomaly

74.3833, 0.3776, 0.3990

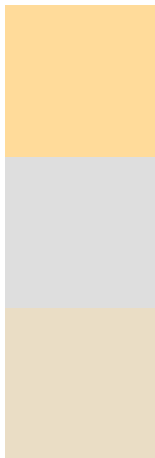
Deuteranomaly

74.3051, 0.3746, 0.3784

Tritanomaly

74.0310, 0.3535, 0.3444

Monochromacy



Original Color

74.2561, 0.3856, 0.3955

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.2365, 0.3385, 0.3549

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.2561, 0.3856, 0.3955 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, 154)` looks like.

```
.text, #text, p{  
    color:rgb(255, 219, 154)  
}
```

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, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 219, 154) }
```

Border

The CSS property to change the border of an element to Yxy 74.2561, 0.3856, 0.3955 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, 154) }
```

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

```
.border{ border-color:rgb(255, 219, 154) }
```

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, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 219, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 219, 154);  
box-shadow:4px 4px 4px 4px rgb(255, 219,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 74.2561, 0.3856, 0.3955 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, 154) }
```

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

```
.background{ background-color: rgb(255,  
219, 154) }
```

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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