

Converting Colors

Yxy(74.5581, 0.3846, 0.4129)

Have a look what the booklet for
Yxy(74.5581, 0.3846, 0.4129)
contains.

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Color

Yxy(74.3514, 0.3845, 0.4122)

Conversions

Conversions Part 1

Format	Color
Hex	F6DF8F
RGB	246, 223, 143
RGB Percent	96%, 87%, 56%
CMY	0.0352, 0.1255, 0.4393
CMYK	0.00, 0.09, 0.42, 0.04
HSL	47°, 85%, 76%
HSV	47°, 42%, 96%
XYZ	69.3550, 74.3514, 36.6706
YIQ	220.7570, 39.3880, -20.0040

Conversions

Conversions Part 2

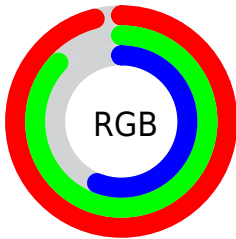
Format	Color
R _Y B	173, 246, 143
Decimal	16179087
CIE Lab	89.09, -2.82, 42.04
CIE LCh	89, 42.132, 93.844
Yxy	74.3514, 0.3845, 0.4122
Android (android.graphics.Color)	4294369167 (0xFFFF6DF8F)
YUV	220.7570, -38.3342, 22.1381
Hunter-Lab	86.2273, -7.3252, 35.1443

Details

The Yxy color **74.3514, 0.3845, 0.4122** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **39.7612, 0.2390, 0.2285**, and the grayscale version is **72.3821, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **39.4520, 0.3996, 0.4304** is the 20% darker color. If you saturate the color by 10%, you get **70.8002, 0.4028, 0.4305**, and if you desaturate by 10%, it is **78.1683, 0.3661, 0.3925**.

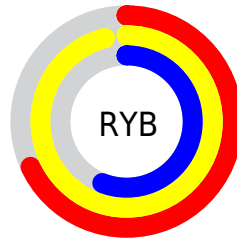
Distribution



Red (96%)

Green (87%)

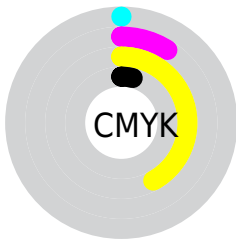
Blue (56%)



Red (68%)

Yellow (96%)

Blue (56%)

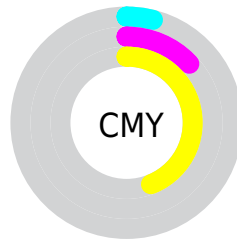


Cyan (0%)

Magenta (9%)

Yellow (42%)

Black (4%)



Cyan (4%)


Magenta (13%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3514, 0.3845, 0.4122 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 74.3514, 0.3845, 0.4122 by changing the saturation by 10% instead.

 74.3514, 0.3845,
0.4122

 74.3514, 0.3845,
0.4122


475.6853, 0.3524,
0.3745

 55.0817, 0.3914,
0.4204


 125.3938, 0.3737,
0.3994

 39.4671, 0.3996,
0.4303


 157.9353, 0.3694,
0.3943

 27.1233, 0.4094,
0.4423


195.6695, 0.3656,
0.3899

 17.6659, 0.4213,
0.4570

238.9809, 0.3623,
0.3861

 10.7104, 0.4355,
0.4749

288.2537, 0.3594,
0.3827

 5.8724, 0.4534,
0.4984

343.8725, 0.3568,

 2.7677, 0.4732,

0.3796

0.5268

406.2215, 0.3545,
0.3769

■ 1.0117, 0.4675,
0.5325

■ 0.0000, 0.0000,
0.0000

■ 74.3514, 0.3845,
0.4122

■ 74.3514, 0.3845,
0.4122

■ 70.8002, 0.4028,
0.4305

■ 78.1683, 0.3661,
0.3925

■ 67.4927, 0.4202,
0.4462


■ 82.2512, 0.3483,
0.3722


■ 64.4192, 0.4360,
0.4583

■ 86.6136, 0.3313,
0.3520

■ 61.5650, 0.4493,
0.4660

■ 91.2646, 0.3155,
0.3326

 58.9123, 0.4597,
0.4688

 95.4854, 0.3073,
0.3246

 56.8864, 0.4662,
0.4681

 98.3363, 0.3072,
0.3290

Harmonies

Analogous

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



74.3514, 0.4106, 0.3829



74.3514, 0.3845, 0.4122



74.3514, 0.3401, 0.4198

Triad

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



74.3514, 0.3845, 0.4122



74.3514, 0.2252, 0.3016



74.3514, 0.3296, 0.2726

Complementary

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



74.3514, 0.3845, 0.4122



39.7612, 0.2390, 0.2285

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.



74.3514, 0.2796, 0.2528



74.3514, 0.3845, 0.4122



74.3514, 0.2229, 0.2659

Square

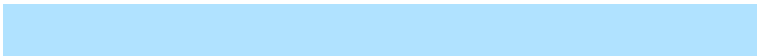
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.3514, 0.3845, 0.4122



74.3514, 0.2490, 0.3509



74.3514, 0.2418, 0.2497



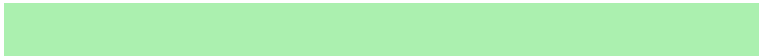
74.3514, 0.3783, 0.3050

Rectangle

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



74.3514, 0.3845, 0.4122



74.3514, 0.3068, 0.4079



74.3514, 0.2418, 0.2497



74.3514, 0.3123, 0.2644

Sweetspot

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



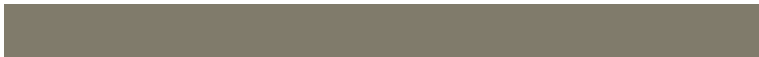
74.3548, 0.3845, 0.4122



93.4120, 0.3332, 0.3543



42.0237, 0.3954, 0.3032



19.7660, 0.3369, 0.3587



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.



74.3548, 0.3845, 0.4122



77.4813, 0.3995, 0.4273



82.8946, 0.3557, 0.4402



18.6488, 0.3274, 0.3473



30.5772, 0.4652, 0.4688



2.8381, 0.4583, 0.4743

Inverse Universe

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



39.7612, 0.2390, 0.2285



35.5408, 0.2231, 0.2046



34.8882, 0.2542, 0.2056



16.5270, 0.2979, 0.3101



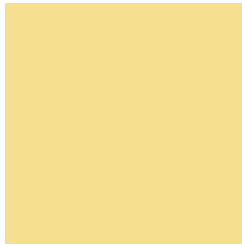
5.1779, 0.1566, 0.0837



0.6026, 0.1628, 0.1060

Previews

White Background



This preview shows how the Yxy color 74.3514, 0.3845, 0.4122 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 74.3514, 0.3845, 0.4122 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 74.3514, 0.3845, 0.4122

Background



This preview shows how black text looks on a background with the Yxy color 74.3514, 0.3845, 0.4122.

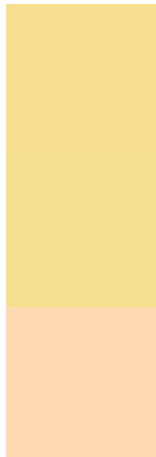


This preview shows how white text looks on a background with the Yxy color 74.3514, 0.3845, 0.4122.

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

74.3514, 0.3845, 0.4122

Protanopia

74.5276, 0.3825, 0.4136

Deuteranopia

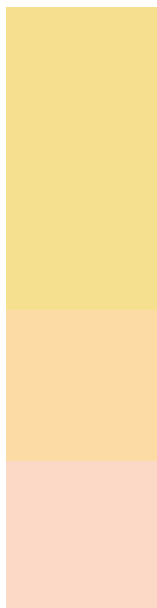
74.0600, 0.3699, 0.3702



Tritanopia

74.0041, 0.3328, 0.3120

Trichromacy



Original Color

74.3514, 0.3845, 0.4122

Protanomaly

74.7070, 0.3833, 0.4134

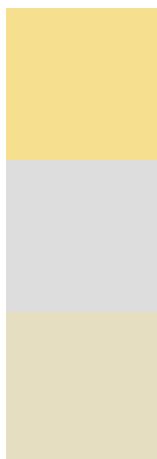
Deuteranomaly

74.0751, 0.3756, 0.3849

Tritanomaly

73.8844, 0.3524, 0.3477

Monochromacy



Original Color

74.3514, 0.3845, 0.4122

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.9158, 0.3382, 0.3606

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3514, 0.3845, 0.4122 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(246, 223, 143)` looks like.

```
.text, #text, p{  
    color:rgb(246, 223, 143)  
}
```

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(246, 223, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 223, 143) }
```

Border

The CSS property to change the border of an element to Yxy 74.3514, 0.3845, 0.4122 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(246, 223, 143) }
```

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

```
.border{ border-color:rgb(246, 223, 143) }
```

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

Here you see how a box with a 4 pixel rgb(246, 223, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 223, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 223, 143);  
box-shadow:4px 4px 4px 4px rgb(246, 223,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3514, 0.3845, 0.4122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 223, 143) }
```

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

```
.background{ background-color: rgb(246,  
223, 143) }
```

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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