

Converting Colors

$Yxy(89.2598, 0.3636, 0.3988)$

Have a look what the booklet for
Yxy(89.2598, 0.3636, 0.3988)
contains.

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Color

Yxy(89.0174, 0.3639, 0.3988)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4AE
RGB	255, 244, 174
RGB Percent	100%, 96%, 68%
CMY	0.0001, 0.0431, 0.3175
CMYK	0.00, 0.04, 0.32, 0.00
HSL	52°, 100%, 84%
HSV	52°, 32%, 100%
XYZ	81.2273, 89.0174, 52.9685
YIQ	239.3090, 29.0260, -19.4380

Conversions

Conversions Part 2

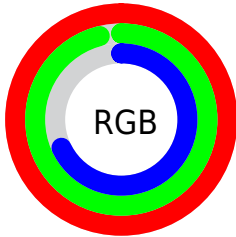
Format	Color
RYB	187, 255, 174
Decimal	16774318
CIELab	95.59, -6.49, 35.10
CIELCh	96, 35.693, 100.483
Yxy	89.0174, 0.3639, 0.3988
Android (android.graphics.Color)	4294964398 (0xFFFFF4AE)
YUV	239.3090, -32.1973, 13.7610
Hunter-Lab	94.3490, -11.4360, 32.7583

Details

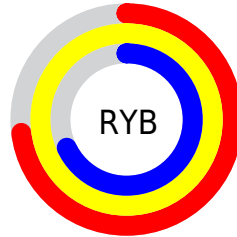
The Yxy color **89.0174, 0.3639, 0.3988** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.9249, 0.2573, 0.2479**, and the grayscale version is **86.8115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **49.2172, 0.3739, 0.4139** is the 20% darker color. If you saturate the color by 10%, you get **86.0598, 0.3807, 0.4203**, and if you desaturate by 10%, it is **92.2109, 0.3471, 0.3765**.

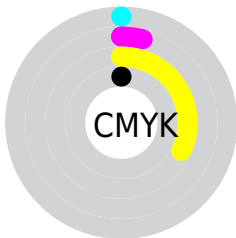
Distribution



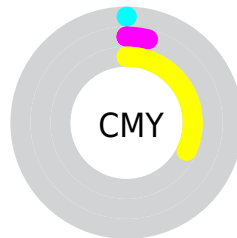
- Red (100%)
- Green (96%)
- Blue (68%)



- Red (73%)
- Yellow (100%)
- Blue (68%)



- Cyan (0%)
- Magenta (4%)
- Yellow (32%)
- Black (0%)




- Cyan (0%)
- Magenta (4%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0174, 0.3639, 0.3988 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 89.0174, 0.3639, 0.3988 by changing the saturation by 10% instead.


 89.0174, 0.3639,
0.3988

 89.0174, 0.3639,
0.3988


524.8293, 0.3416,
0.3676

 67.1660, 0.3686,
0.4056

 145.9728, 0.3565,
0.3882

 49.2195, 0.3742,
0.4138


181.8455, 0.3535,
0.3840

 34.7936, 0.3810,
0.4239


223.1608, 0.3509,
0.3804

 23.5040, 0.3893,
0.4365

270.3030, 0.3486,
0.3772

 14.9661, 0.3994,
0.4527

323.6566, 0.3465,
0.3744

 8.7956, 0.4119,
0.4737

383.6059, 0.3447,

 4.6081, 0.4281,

0.3719

0.5031

450.5353, 0.3431,
0.3696

■ 2.0192, 0.4508,
0.5492

■ 0.6186, 0.4097,
0.5903

■ 89.0174, 0.3639,
0.3988

■ 89.0174, 0.3639,
0.3988

■ 86.0598, 0.3807,
0.4203

■ 92.2109, 0.3471,
0.3765

■ 83.3149, 0.3968,
0.4401

■ 95.6381, 0.3308,
0.3543

■ 80.7749, 0.4116,
0.4571

■ 99.3125, 0.3153,
0.3327

■ 78.4262, 0.4244,
0.4704

■ 99.9952, 0.3127,
0.3290

■ 76.2536, 0.4345,
0.4793

■ 74.2385, 0.4418,
0.4835

■ 72.6696, 0.4459,
0.4841

Harmonies

Analogous

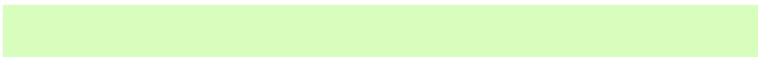
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0174, 0.3883, 0.3796



89.0174, 0.3639, 0.3988



89.0174, 0.3266, 0.3985

Triad

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



89.0174, 0.3639, 0.3988



89.0174, 0.2398, 0.3003



89.0174, 0.3357, 0.2883

Complementary

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



89.0174, 0.3639, 0.3988



50.9249, 0.2573, 0.2479

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.



89.0174, 0.2948, 0.2694



89.0174, 0.3639, 0.3988



89.0174, 0.2417, 0.2742

Square

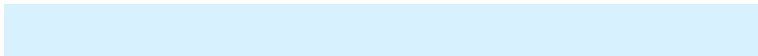
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.0174, 0.3639, 0.3988



89.0174, 0.2558, 0.3378



89.0174, 0.2611, 0.2639



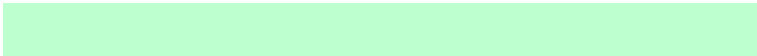
89.0174, 0.3720, 0.3168

Rectangle

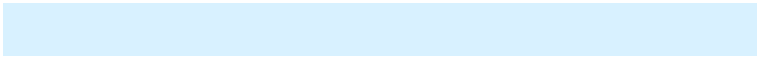
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.0174, 0.3639, 0.3988



89.0174, 0.2998, 0.3854



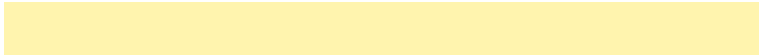
89.0174, 0.2611, 0.2639



89.0174, 0.3219, 0.2807

Sweetspot

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



89.0214, 0.3639, 0.3988



96.2808, 0.3280, 0.3505



55.0988, 0.3748, 0.3165



20.5005, 0.3303, 0.3535



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

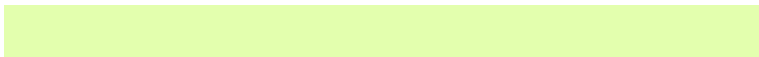
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0214, 0.3639, 0.3988



87.1608, 0.3744, 0.4124



90.8358, 0.3416, 0.4139



20.6462, 0.3273, 0.3494



38.1425, 0.4454, 0.4845



3.8248, 0.4420, 0.4872

Inverse Universe

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



50.9249, 0.2573, 0.2479



43.7108, 0.2448, 0.2288



50.1174, 0.2758, 0.2398



17.7744, 0.2979, 0.3078



4.5073, 0.1529, 0.0703



0.5548, 0.1573, 0.0862

Previews

White Background



This preview shows how the Yxy color 89.0174, 0.3639, 0.3988 looks on a white background.

Color Contrast Check

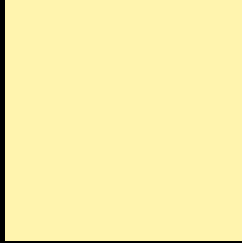
Large Text (above 18pt) WCAG AA × Fail

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 89.0174, 0.3639, 0.3988 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

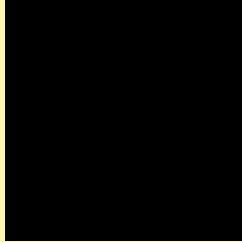
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.0174, 0.3639, 0.3988

Background



This preview shows how black text looks on a background with the Yxy color 89.0174, 0.3639, 0.3988.

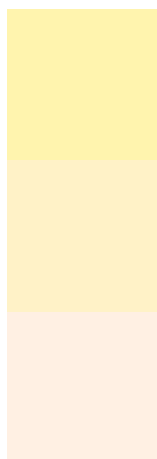


This preview shows how white text looks on a background with the Yxy color 89.0174, 0.3639, 0.3988.

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

89.0174, 0.3639, 0.3988

Protanopia

88.8878, 0.3486, 0.3719

Deuteranopia

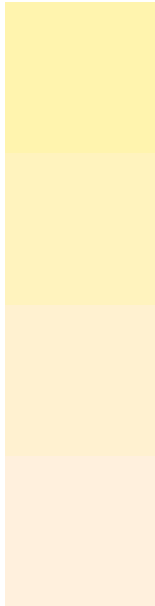
89.1262, 0.3309, 0.3418



Tritanopia

89.1864, 0.3178, 0.3193

Trichromacy



Original Color

89.0174, 0.3639, 0.3988

Protanomaly

89.0789, 0.3541, 0.3820

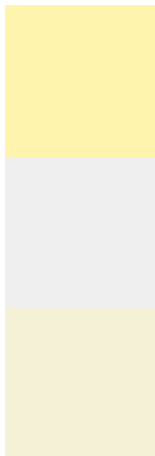
Deuteranomaly

88.7247, 0.3429, 0.3619

Tritanomaly

88.8006, 0.3347, 0.3478

Monochromacy



Original Color

89.0174, 0.3639, 0.3988

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.2294, 0.3316, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0174, 0.3639, 0.3988 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, 244, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 244, 174)  
}
```

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, 244, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 174) }
```

Border

The CSS property to change the border of an element to Yxy 89.0174, 0.3639, 0.3988 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, 244, 174) }
```

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

```
.border{ border-color:rgb(255, 244, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 244, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0174, 0.3639, 0.3988 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 244, 174) }
```

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

```
.background{ background-color: rgb(255,  
244, 174) }
```

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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