

Converting Colors

$Yxy(89.0405, 0.3601, 0.3940)$

Have a look what the booklet for
Yxy(89.0405, 0.3601, 0.3940)
contains.

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Color

Yxy(89.0269, 0.3601, 0.3940)

Conversions

Conversions Part 1

Format	Color
Hex	FEF4B3
RGB	254, 244, 179
RGB Percent	100%, 96%, 70%
CMY	0.0039, 0.0431, 0.2979
CMYK	0.00, 0.04, 0.30, 0.00
HSL	52°, 97%, 85%
HSV	52°, 30%, 100%
XYZ	81.3670, 89.0269, 55.5627
YIQ	239.5800, 26.8250, -18.0950

Conversions

Conversions Part 2

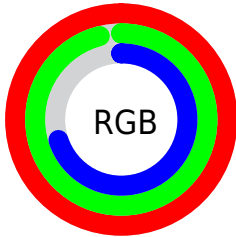
Format	Color
RYB	191, 254, 179
Decimal	16708787
CIELab	95.59, -6.24, 32.58
CIELCh	96, 33.169, 100.843
Yxy	89.0269, 0.3601, 0.3940
Android (android.graphics.Color)	4294898867 (0xFFFEF4B3)
YUV	239.5800, -29.8659, 12.6463
Hunter-Lab	94.3541, -11.1887, 31.1335

Details

The Yxy color **89.0269, 0.3601, 0.3940** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.1627, 0.2617, 0.2543**, and the grayscale version is **87.0201, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **49.2086, 0.3691, 0.4080** is the 20% darker color. If you saturate the color by 10%, you get **86.0728, 0.3769, 0.4158**, and if you desaturate by 10%, it is **92.2160, 0.3434, 0.3716**.

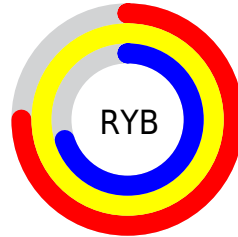
Distribution



Red (100%)

Green (96%)

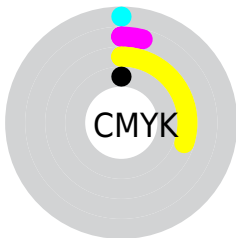
Blue (70%)



Red (75%)

Yellow (100%)

Blue (70%)

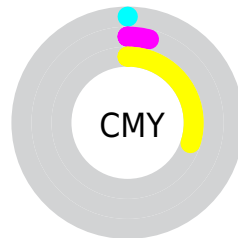


Cyan (0%)

Magenta (4%)

Yellow (30%)

Black (0%)



Cyan (0%)


Magenta (4%)

Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0269, 0.3601, 0.3940 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 89.0269, 0.3601, 0.3940 by changing the saturation by 10% instead.


 89.0269, 0.3601,
0.3940

 89.0269, 0.3601,
0.3940

524.8603, 0.3394,
0.3649

 67.1738, 0.3645,
0.4004


 145.9860, 0.3532,
0.3841

 49.2259, 0.3698,
0.4081


181.8608, 0.3504,
0.3802

 34.7987, 0.3761,
0.4176


223.1783, 0.3480,
0.3768

 23.5079, 0.3840,
0.4295

270.3229, 0.3459,
0.3738

 14.9690, 0.3937,
0.4449

323.6790, 0.3440,
0.3712

 8.7976, 0.4059,
0.4651

383.6310, 0.3423,

 4.6094, 0.4211,

0.3689

0.4927

450.5633, 0.3408,
0.3668

■ 2.0200, 0.4523,
0.5477

■ 0.6190, 0.4133,
0.5867

■ 89.0269, 0.3601,
0.3940

■ 89.0269, 0.3601,
0.3940

■ 86.0728, 0.3769,
0.4158

■ 92.2160, 0.3434,
0.3716

■ 83.3309, 0.3932,
0.4361

■ 95.6378, 0.3273,
0.3494

■ 80.7938, 0.4083,
0.4538

■ 99.2898, 0.3121,
0.3282

■ 78.4484, 0.4215,
0.4680

■ 99.8134, 0.3121,
0.3290

■ 76.2801, 0.4322,
0.4779

■ 74.2712, 0.4401,
0.4833

■ 72.3948, 0.4453,
0.4844

■ 72.3058, 0.4455,
0.4845

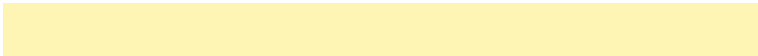
Harmonies

Analogous

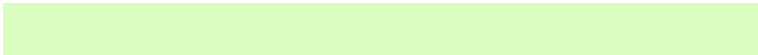
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0269, 0.3828, 0.3766



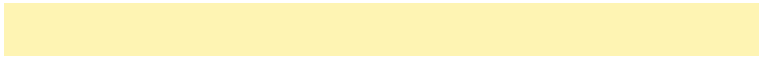
89.0269, 0.3601, 0.3940



89.0269, 0.3254, 0.3932

Triad

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



89.0269, 0.3601, 0.3940



89.0269, 0.2445, 0.3022



89.0269, 0.3346, 0.2913

Complementary

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



89.0269, 0.3601, 0.3940



53.1627, 0.2617, 0.2543

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.



89.0269, 0.2966, 0.2734



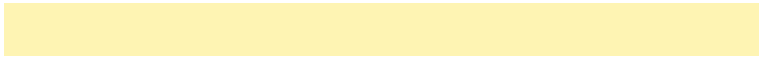
89.0269, 0.3601, 0.3940



89.0269, 0.2465, 0.2778

Square

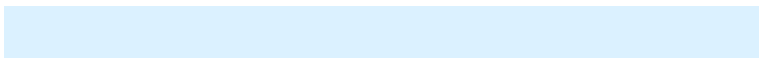
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.0269, 0.3601, 0.3940



89.0269, 0.2594, 0.3369



89.0269, 0.2649, 0.2682



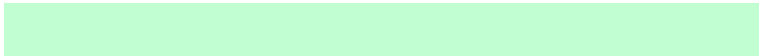
89.0269, 0.3681, 0.3181

Rectangle

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



89.0269, 0.3601, 0.3940



89.0269, 0.3004, 0.3808



89.0269, 0.2649, 0.2682



89.0269, 0.3218, 0.2841

Sweetspot

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



89.0309, 0.3601, 0.3940



96.6689, 0.3265, 0.3483



57.0594, 0.3689, 0.3174



20.5799, 0.3287, 0.3515



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.



89.0309, 0.3601, 0.3940



88.1530, 0.3693, 0.4061



90.6051, 0.3397, 0.4076



20.6524, 0.3272, 0.3494



38.2748, 0.4450, 0.4848



3.8364, 0.4417, 0.4875

Inverse Universe

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



53.1627, 0.2617, 0.2543



47.0097, 0.2508, 0.2378



52.4315, 0.2790, 0.2468



17.7687, 0.2979, 0.3077



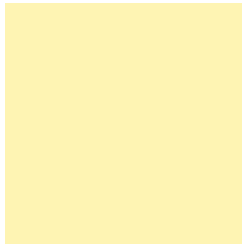
4.4913, 0.1528, 0.0701



0.5522, 0.1572, 0.0859

Previews

White Background



This preview shows how the Yxy color 89.0269, 0.3601, 0.3940 looks on a white background.

Color Contrast Check

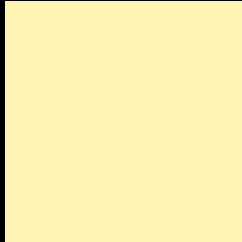
Large Text (above 18pt) WCAG AA × Fail

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 89.0269, 0.3601, 0.3940 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

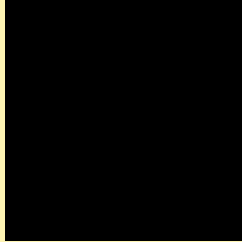
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.0269, 0.3601, 0.3940

Background



This preview shows how black text looks on a background with the Yxy color 89.0269, 0.3601, 0.3940.

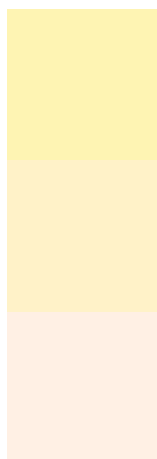


This preview shows how white text looks on a background with the Yxy color 89.0269, 0.3601, 0.3940.

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

89.0269, 0.3601, 0.3940

Protanopia

88.9344, 0.3479, 0.3709

Deuteranopia

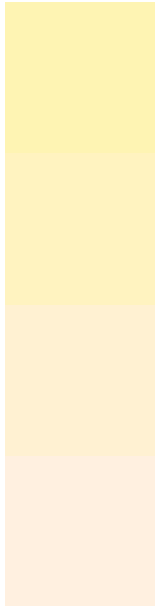
89.1816, 0.3302, 0.3409



Tritanopia

89.2486, 0.3172, 0.3184

Trichromacy



Original Color

89.0269, 0.3601, 0.3940

Protanomaly

89.1670, 0.3528, 0.3799

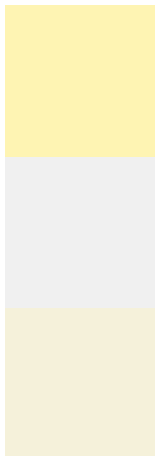
Deuteranomaly

88.8237, 0.3417, 0.3599

Tritanomaly

88.9620, 0.3328, 0.3448

Monochromacy



Original Color

89.0269, 0.3601, 0.3940

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.3850, 0.3297, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0269, 0.3601, 0.3940 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(254, 244, 179)` looks like.

```
.text, #text, p{  
    color:rgb(254, 244, 179)  
}
```

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(254, 244, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 244, 179) }
```

Border

The CSS property to change the border of an element to Yxy 89.0269, 0.3601, 0.3940 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(254, 244, 179) }
```

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

```
.border{ border-color:rgb(254, 244, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 244, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 244, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 244, 179);  
box-shadow:4px 4px 4px 4px rgb(254, 244,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0269, 0.3601, 0.3940 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 244, 179) }
```

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

```
.background{ background-color: rgb(254,  
244, 179) }
```

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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