

Converting Colors

$Yxy(88.8857, 0.3632, 0.3972)$

Have a look what the booklet for
Yxy(88.8857, 0.3632, 0.3972)
contains.

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Color

Yxy(89.0565, 0.3633, 0.3978)

Conversions

Conversions Part 1

Format	Color
Hex	FFF4AF
RGB	255, 244, 175
RGB Percent	100%, 96%, 69%
CMY	0.0000, 0.0431, 0.3135
CMYK	0.00, 0.04, 0.31, 0.00
HSL	52°, 100%, 84%
HSV	52°, 31%, 100%
XYZ	81.3329, 89.0565, 53.4832
YIQ	239.4230, 28.7050, -19.1270

Conversions

Conversions Part 2

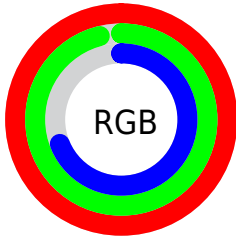
Format	Color
R _Y B	188, 255, 175
Decimal	16774319
CIE Lab	95.60, -6.36, 34.62
CIE LCh	96, 35.197, 100.409
Yxy	89.0565, 0.3633, 0.3978
Android (android.graphics.Color)	4294964399 (0xFFFFF4AF)
YUV	239.4230, -31.7605, 13.6610
Hunter-Lab	94.3698, -11.3062, 32.4568

Details

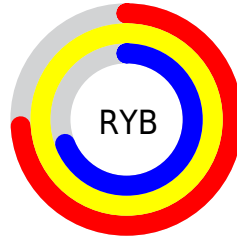
The Yxy color **89.0565, 0.3633, 0.3978** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.4757, 0.2581, 0.2493**, and the grayscale version is **86.9036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5495, 0.3268, 0.3522**, and **49.2419, 0.3731, 0.4126** is the 20% darker color. If you saturate the color by 10%, you get **86.0595, 0.3801, 0.4193**, and if you desaturate by 10%, it is **92.2897, 0.3465, 0.3756**.

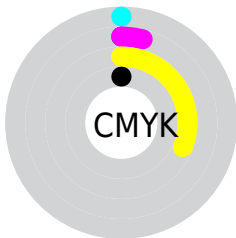
Distribution



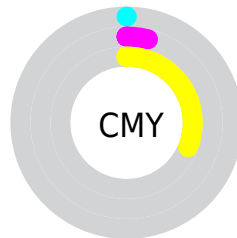
- Red (100%)
- Green (96%)
- Blue (69%)



- Red (74%)
- Yellow (100%)
- Blue (69%)



- Cyan (0%)
- Magenta (4%)
- Yellow (31%)
- Black (0%)





- Cyan (0%)
- Magenta (4%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0565, 0.3633, 0.3978 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 89.0565, 0.3633, 0.3978 by changing the saturation by 10% instead.

 89.0565, 0.3633,
0.3978

 89.0565, 0.3633,
0.3978


524.9569, 0.3412,
0.3670

 67.1984, 0.3680,
0.4045


 146.0271, 0.3559,
0.3874

 49.2459, 0.3735,
0.4126


181.9084, 0.3530,
0.3832

 34.8146, 0.3802,
0.4226


223.2329, 0.3504,
0.3797

 23.5201, 0.3885,
0.4350

270.3850, 0.3481,
0.3765

 14.9780, 0.3986,
0.4510

323.7490, 0.3461,
0.3737

 8.8039, 0.4111,
0.4718

383.7094, 0.3443,

 4.6135, 0.4270,

0.3712

0.5007

450.6506, 0.3427,
0.3690

■ 2.0223, 0.4516,
0.5484

■ 0.6204, 0.4119,
0.5881

■ 89.0565, 0.3633,
0.3978

■ 89.0565, 0.3633,
0.3978

■ 86.0595, 0.3801,
0.4193

■ 92.2897, 0.3465,
0.3756

■ 83.2776, 0.3963,
0.4391

■ 95.7589, 0.3302,
0.3534

■ 80.7023, 0.4113,
0.4562

■ 99.4769, 0.3147,
0.3318

■ 78.3201, 0.4242,
0.4697

■ 100.0000, 0.3127,
0.3290

■ 76.1158, 0.4345,
0.4787

■ 74.0709, 0.4420,
0.4831

■ 72.4072, 0.4464,
0.4838

Harmonies

Analogous

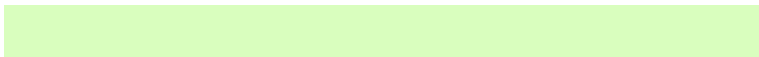
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0565, 0.3873, 0.3789



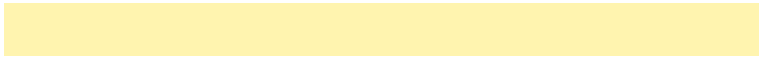
89.0565, 0.3633, 0.3978



89.0565, 0.3265, 0.3975

Triad

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



89.0565, 0.3633, 0.3978



89.0565, 0.2408, 0.3008



89.0565, 0.3353, 0.2888

Complementary

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



89.0565, 0.3633, 0.3978



51.4757, 0.2581, 0.2493

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.



89.0565, 0.2950, 0.2701



89.0565, 0.3633, 0.3978



89.0565, 0.2426, 0.2750

Square

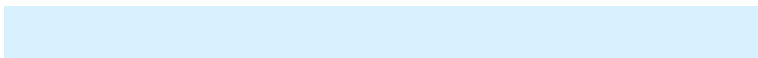
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.0565, 0.3633, 0.3978



89.0565, 0.2566, 0.3378



89.0565, 0.2617, 0.2647



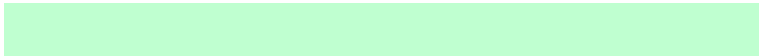
89.0565, 0.3711, 0.3169

Rectangle

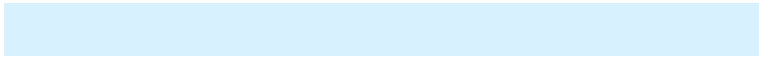
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



89.0565, 0.3633, 0.3978



89.0565, 0.3001, 0.3846



89.0565, 0.2617, 0.2647



89.0565, 0.3217, 0.2813

Sweetspot

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



89.0599, 0.3633, 0.3978



96.6114, 0.3265, 0.3482



55.5276, 0.3738, 0.3166



20.5657, 0.3288, 0.3514



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

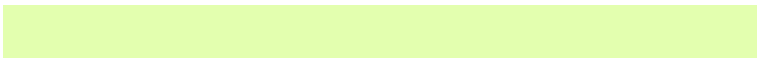
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0599, 0.3633, 0.3978



87.0410, 0.3745, 0.4122



90.9505, 0.3413, 0.4128



20.6395, 0.3273, 0.3493



37.9989, 0.4459, 0.4842



3.8122, 0.4424, 0.4869

Inverse Universe

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



51.4757, 0.2581, 0.2493



43.7872, 0.2449, 0.2290



50.5988, 0.2764, 0.2410



17.7805, 0.2979, 0.3078



4.5250, 0.1529, 0.0706



0.5577, 0.1574, 0.0866

Previews

White Background



This preview shows how the Yxy color 89.0565, 0.3633, 0.3978 looks on a white background.

Color Contrast Check

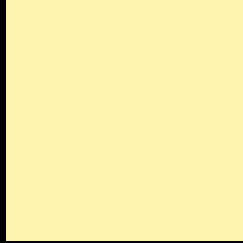
Large Text (above 18pt) WCAG AA × Fail

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 89.0565, 0.3633, 0.3978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

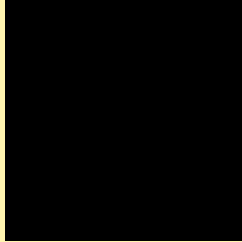
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.0565, 0.3633, 0.3978

Background



This preview shows how black text looks on a background with the Yxy color 89.0565, 0.3633, 0.3978.

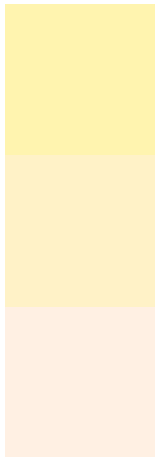


This preview shows how white text looks on a background with the Yxy color 89.0565, 0.3633, 0.3978.

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

89.0565, 0.3633, 0.3978

Protanopia

88.8878, 0.3486, 0.3719

Deuteranopia

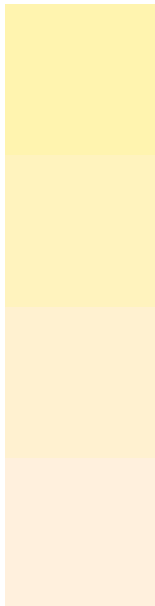
89.1262, 0.3309, 0.3418



Tritanopia

89.1864, 0.3178, 0.3193

Trichromacy



Original Color

89.0565, 0.3633, 0.3978

Protanomaly

89.0789, 0.3541, 0.3820

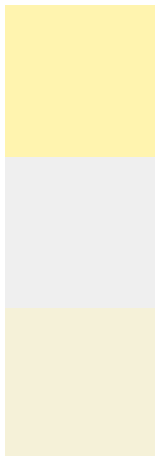
Deuteranomaly

88.7247, 0.3429, 0.3619

Tritanomaly

88.8006, 0.3347, 0.3478

Monochromacy



Original Color

89.0565, 0.3633, 0.3978

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.2809, 0.3309, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0565, 0.3633, 0.3978 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, 175)` looks like.

```
.text, #text, p{  
  color:rgb(255, 244, 175)  
}
```

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, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 244, 175) }
```

Border

The CSS property to change the border of an element to Yxy 89.0565, 0.3633, 0.3978 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, 175) }
```

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

```
.border{ border-color:rgb(255, 244, 175) }
```

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, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 244, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 244, 175);  
box-shadow:4px 4px 4px 4px rgb(255, 244,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0565, 0.3633, 0.3978 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, 175) }
```

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

```
.background{ background-color: rgb(255,  
244, 175) }
```

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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