

Converting Colors

$Yxy(89.3787, 0.3583, 0.3850)$

Have a look what the booklet for
Yxy(89.3787, 0.3583, 0.3850)
contains.

Yxy(88.9064, 0.3567, 0.3860)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(88.9064, 0.3567, 0.3860)

Conversions

Conversions Part 1

Format	Color
Hex	FFF3BA
RGB	255, 243, 186
RGB Percent	100%, 95%, 73%
CMY	0.0000, 0.0471, 0.2707
CMYK	0.00, 0.05, 0.27, 0.00
HSL	50°, 100%, 86%
HSV	50°, 27%, 100%
XYZ	82.1578, 88.9064, 59.2633
YIQ	240.0900, 25.4490, -15.1830

Conversions

Conversions Part 2

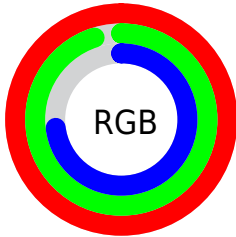
Format	Color
R_{YB}	201, 255, 186
Decimal	16774074
CIE _{Lab}	95.54, -4.49, 29.02
CIE _{LCh}	96, 29.363, 98.794
Yxy	88.9064, 0.3567, 0.3860
Android (android.graphics.Color)	4294964154 (0xFFFFF3BA)
YUV	240.0900, -26.6664, 13.0761
Hunter-Lab	94.2902, -9.4756, 28.7382

Details

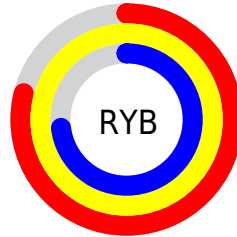
The Yxy color **88.9064, 0.3567, 0.3860** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.0257, 0.2667, 0.2647**, and the grayscale version is **87.4056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **49.2124, 0.3665, 0.3989** is the 20% darker color. If you saturate the color by 10%, you get **85.2948, 0.3741, 0.4072**, and if you desaturate by 10%, it is **92.7729, 0.3397, 0.3645**.

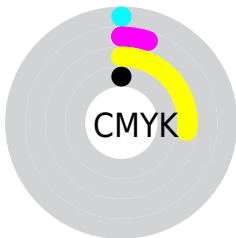
Distribution



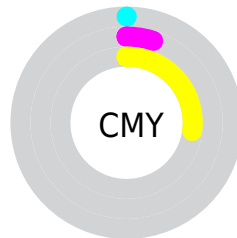
- Red (100%)
- Green (95%)
- Blue (73%)



- Red (79%)
- Yellow (100%)
- Blue (73%)



- Cyan (0%)
- Magenta (5%)
- Yellow (27%)
- Black (0%)




- Cyan (0%)
- Magenta (5%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.9064, 0.3567, 0.3860 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 88.9064, 0.3567, 0.3860 by changing the saturation by 10% instead.

 88.9064, 0.3567,
0.3860

 88.9064, 0.3567,
0.3860

524.4670, 0.3373,
0.3605

 67.0740, 0.3609,
0.3916

 145.8184, 0.3502,
0.3773

 49.1447, 0.3658,
0.3984


181.6668, 0.3476,
0.3739

 34.7343, 0.3719,
0.4067


222.9559, 0.3453,
0.3709

 23.4583, 0.3795,
0.4173

270.0702, 0.3434,
0.3683

 14.9323, 0.3891,
0.4309

323.3941, 0.3416,
0.3660

 8.7719, 0.4015,
0.4491

383.3119, 0.3400,

 4.5927, 0.4174,

0.3640

0.4739

450.2081, 0.3386,
0.3621

■ 2.0103, 0.4622,
0.5378

■ 0.6135, 0.4356,
0.5644

■ 88.9064, 0.3567,
0.3860

■ 88.9064, 0.3567,
0.3860

■ 85.2948, 0.3741,
0.4072

■ 92.7729, 0.3397,
0.3645

■ 81.9313, 0.3915,
0.4272

■ 96.9083, 0.3235,
0.3434

■ 78.8030, 0.4080,
0.4451

100.0000, 0.3127,
0.3290

■ 75.8969, 0.4230,
0.4597

■ 73.1983, 0.4358,
0.4703

■ 70.6901, 0.4457,
0.4762

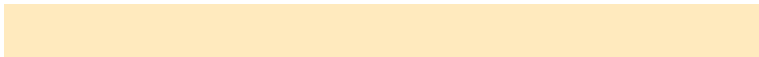
■ 68.3507, 0.4528,
0.4774

■ 67.6884, 0.4545,
0.4773

Harmonies

Analogous

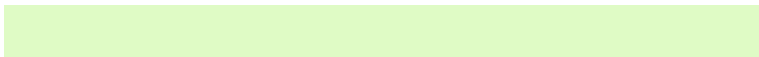
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.9064, 0.3756, 0.3701



88.9064, 0.3567, 0.3860



88.9064, 0.3264, 0.3861

Triad

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



88.9064, 0.3567, 0.3860



88.9064, 0.2524, 0.3074



88.9064, 0.3299, 0.2940

Complementary

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



88.9064, 0.3567, 0.3860



58.0257, 0.2667, 0.2647

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.



88.9064, 0.2964, 0.2786



88.9064, 0.3567, 0.3860



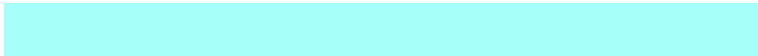
88.9064, 0.2531, 0.2847

Square

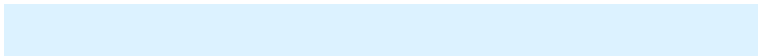
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.9064, 0.3567, 0.3860



88.9064, 0.2668, 0.3384



88.9064, 0.2687, 0.2749



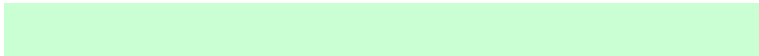
88.9064, 0.3600, 0.3177

Rectangle

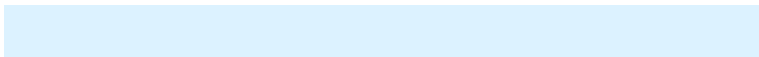
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.9064, 0.3567, 0.3860



88.9064, 0.3043, 0.3760



88.9064, 0.2687, 0.2749



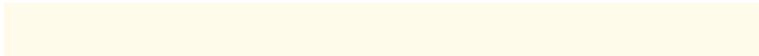
88.9064, 0.3186, 0.2877

Sweetspot

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



88.9051, 0.3567, 0.3860



96.5135, 0.3250, 0.3453



60.4683, 0.3609, 0.3160



20.5218, 0.3273, 0.3485



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

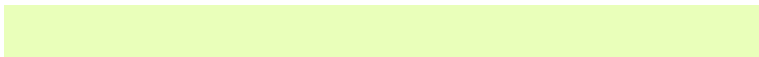
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.9051, 0.3567, 0.3860



87.0948, 0.3652, 0.3965



92.4106, 0.3391, 0.4003



20.5218, 0.3273, 0.3485



35.5653, 0.4538, 0.4779



3.5978, 0.4492, 0.4815

Inverse Universe

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



58.0257, 0.2667, 0.2647



51.9385, 0.2573, 0.2509



55.7070, 0.2806, 0.2539



17.8880, 0.2979, 0.3087



4.8738, 0.1543, 0.0753



0.6085, 0.1593, 0.0933

Previews

White Background



This preview shows how the Yxy color 88.9064, 0.3567, 0.3860 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 88.9064, 0.3567, 0.3860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

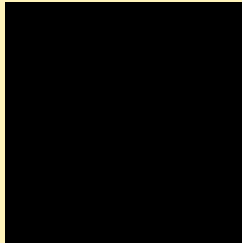
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.9064, 0.3567, 0.3860

Background



This preview shows how black text looks on a background with the Yxy color 88.9064, 0.3567, 0.3860.

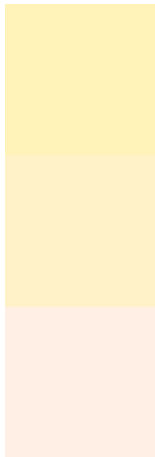


This preview shows how white text looks on a background with the Yxy color 88.9064, 0.3567, 0.3860.

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

88.9064, 0.3567, 0.3860

Protanopia

88.9344, 0.3479, 0.3709

Deuteranopia

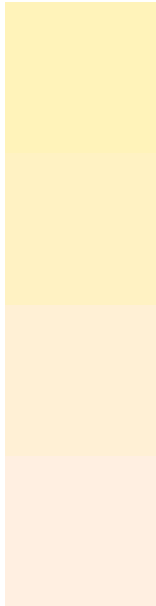
88.5944, 0.3303, 0.3399



Tritanopia

88.6057, 0.3179, 0.3184

Trichromacy



Original Color

88.9064, 0.3567, 0.3860

Protanomaly

88.7044, 0.3511, 0.3760

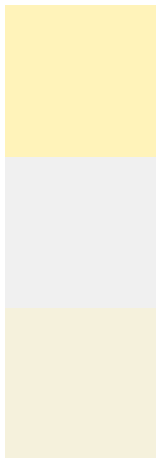
Deuteranomaly

88.3843, 0.3399, 0.3559

Tritanomaly

88.4292, 0.3323, 0.3429

Monochromacy



Original Color

88.9064, 0.3567, 0.3860

Achromatopsia

87.1367, 0.3127, 0.3290

Achromatomaly

87.4904, 0.3284, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.9064, 0.3567, 0.3860 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, 243, 186)` looks like.

```
.text, #text, p{  
    color:rgb(255, 243, 186)  
}
```

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, 243, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 243, 186) }
```

Border

The CSS property to change the border of an element to Yxy 88.9064, 0.3567, 0.3860 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, 243, 186) }
```

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

```
.border{ border-color:rgb(255, 243, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 243, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 243, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 243, 186);  
box-shadow:4px 4px 4px 4px rgb(255, 243,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 88.9064, 0.3567, 0.3860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 243, 186) }
```

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

```
.background{ background-color: rgb(255,  
243, 186) }
```

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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