

Converting Colors

$Y_{xy}(80.9118, 0.3570, 0.3795)$

Have a look what the booklet for
Yxy(80.9118, 0.3570, 0.3795)
contains.

Yxy(81.0886, 0.3563, 0.3796)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(81.0886, 0.3563, 0.3796)

Conversions

Conversions Part 1

Format	Color
Hex	F8E8B7
RGB	248, 232, 183
RGB Percent	97%, 91%, 72%
CMY	0.0275, 0.0902, 0.2825
CMYK	0.00, 0.06, 0.26, 0.03
HSL	45°, 82%, 85%
HSV	45°, 26%, 97%
XYZ	76.1113, 81.0886, 56.4160
YIQ	231.1980, 25.2650, -11.8470

Conversions

Conversions Part 2

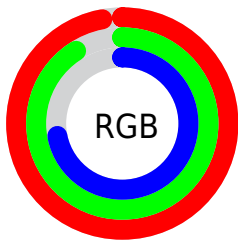
Format	Color
RYB	204, 248, 183
Decimal	16312503
CIELab	92.17, -1.95, 25.87
CIElCh	92, 25.939, 94.302
Yxy	81.0886, 0.3563, 0.3796
Android (android.graphics.Color)	4294502583 (0xFFF8E8B7)
YUV	231.1980, -23.7616, 14.7354
Hunter-Lab	90.0492, -6.7144, 25.8892

Details

The Yxy color **81.0886, 0.3563, 0.3796** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.6622, 0.2689, 0.2727**, and the grayscale version is **80.2324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **43.7387, 0.3659, 0.3899** is the 20% darker color. If you saturate the color by 10%, you get **76.7759, 0.3748, 0.3993**, and if you desaturate by 10%, it is **85.7097, 0.3387, 0.3598**.

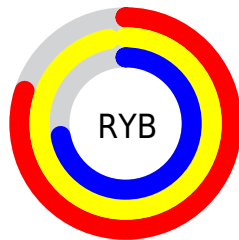
Distribution



Red (97%)

Green (91%)

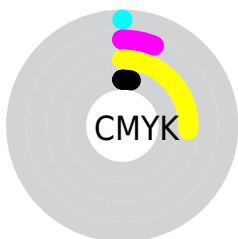
Blue (72%)



Red (80%)

Yellow (97%)

Blue (72%)

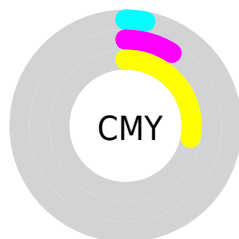


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (3%)



Cyan (3%)


Magenta (9%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 81.0886, 0.3563, 0.3796 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 81.0886, 0.3563, 0.3796 by changing the saturation by 10% instead.


 81.0886, 0.3563,
0.3796

 81.0886, 0.3563,
0.3796


498.5940, 0.3367,
0.3567

 60.6146, 0.3606,
0.3847


 134.8952, 0.3496,
0.3718

 43.9142, 0.3659,
0.3909


168.9965, 0.3470,
0.3687

 30.6031, 0.3723,
0.3986


208.4090, 0.3447,
0.3660

 20.2968, 0.3806,
0.4084

253.5172, 0.3427,
0.3637

 12.6110, 0.3912,
0.4213

304.7054, 0.3409,
0.3616

 7.1612, 0.4054,
0.4387

362.3580, 0.3394,

 3.5631, 0.4247,

0.3598

0.4630

426.8594, 0.3379,
0.3581

■ 1.4323, 0.4752,
0.5248

■ 0.2404, 0.4295,
0.5705

■ 81.0886, 0.3563,
0.3796

■ 81.0886, 0.3563,
0.3796

■ 76.7759, 0.3748,
0.3993

■ 85.7097, 0.3387,
0.3598

■ 72.7498, 0.3937,
0.4181

■ 90.6381, 0.3223,
0.3406

■ 69.0023, 0.4124,
0.4350

■ 95.7342, 0.3085,
0.3245

■ 65.5207, 0.4300,
0.4489

■ 98.6963, 0.3084,
0.3290

■ 62.2907, 0.4457,
0.4588

■ 59.2957, 0.4587,
0.4640

■ 56.5153, 0.4686,
0.4643

■ 55.5106, 0.4718,
0.4636

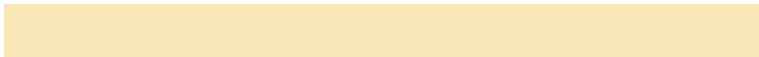
Harmonies

Analogous

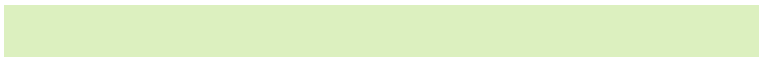
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.0886, 0.3713, 0.3637



81.0886, 0.3563, 0.3796



81.0886, 0.3299, 0.3818

Triad

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



81.0886, 0.3563, 0.3796



81.0886, 0.2587, 0.3134



81.0886, 0.3239, 0.2942

Complementary

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



81.0886, 0.3563, 0.3796



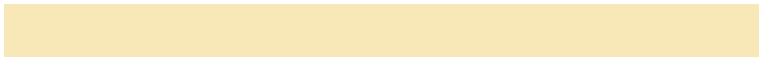
57.6622, 0.2689, 0.2727

Split Complementary

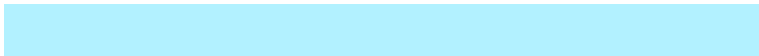
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.0886, 0.2936, 0.2816



81.0886, 0.3563, 0.3796



81.0886, 0.2572, 0.2911

Square

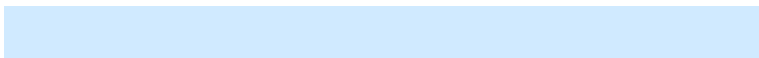
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



81.0886, 0.3563, 0.3796



81.0886, 0.2739, 0.3420



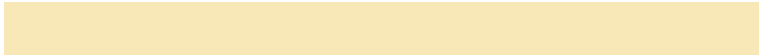
81.0886, 0.2696, 0.2801



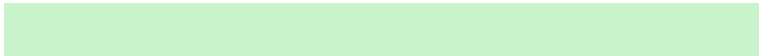
81.0886, 0.3523, 0.3152

Rectangle

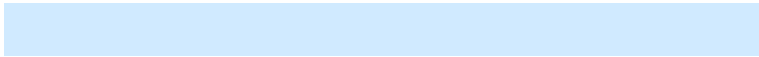
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



81.0886, 0.3563, 0.3796



81.0886, 0.3096, 0.3742



81.0886, 0.2696, 0.2801



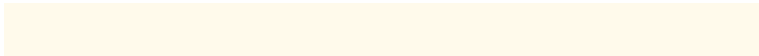
81.0886, 0.3135, 0.2889

Sweetspot

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



81.0923, 0.3563, 0.3796



95.5969, 0.3251, 0.3439



57.9397, 0.3551, 0.3119



20.2897, 0.3275, 0.3468



0.0000, 0.0000, 0.0000



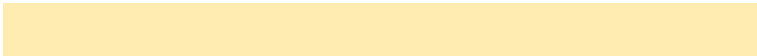
21.4041, 0.3127, 0.3290

Same Dimension

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



81.0923, 0.3563, 0.3796



84.1342, 0.3651, 0.3891



87.6637, 0.3412, 0.3972



19.4254, 0.3275, 0.3468



30.2190, 0.4708, 0.4644



2.9646, 0.4633, 0.4704

Inverse Universe

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



57.6622, 0.2689, 0.2727



55.6465, 0.2600, 0.2605



52.7990, 0.2787, 0.2560



17.3360, 0.2979, 0.3106



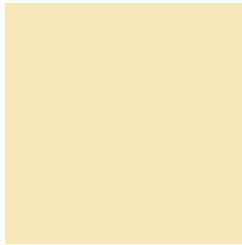
5.6457, 0.1577, 0.0878



0.6820, 0.1638, 0.1096

Previews

White Background



This preview shows how the Yxy color 81.0886, 0.3563, 0.3796 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 81.0886, 0.3563, 0.3796 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

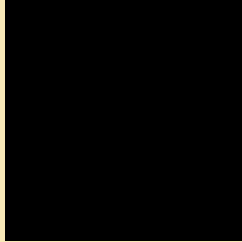
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 81.0886, 0.3563, 0.3796

Background



This preview shows how black text looks on a background with the Yxy color 81.0886, 0.3563, 0.3796.

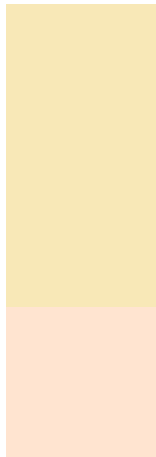


This preview shows how white text looks on a background with the Yxy color 81.0886, 0.3563, 0.3796.

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

81.0886, 0.3563, 0.3796

Protanopia

81.0886, 0.3563, 0.3796

Deuteranopia

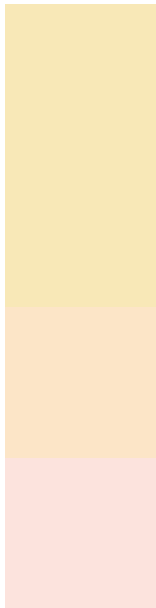
81.3009, 0.3452, 0.3492



Tritanopia

80.9821, 0.3226, 0.3113

Trichromacy



Original Color

81.0886, 0.3563, 0.3796

Protanomaly

81.0886, 0.3563, 0.3796

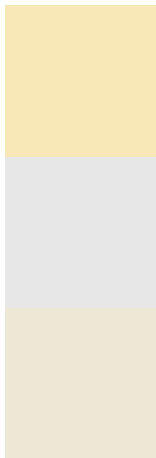
Deuteranomaly

80.8576, 0.3490, 0.3596

Tritanomaly

80.8541, 0.3343, 0.3351

Monochromacy



Original Color

81.0886, 0.3563, 0.3796

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.0114, 0.3278, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.0886, 0.3563, 0.3796 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(248, 232, 183)` looks like.

```
.text, #text, p{  
    color:rgb(248, 232, 183)  
}
```

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(248, 232, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 232, 183) }
```

Border

The CSS property to change the border of an element to Yxy 81.0886, 0.3563, 0.3796 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(248, 232, 183) }
```

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

```
.border{ border-color:rgb(248, 232, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 232, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 232, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 232, 183);  
box-shadow:4px 4px 4px 4px rgb(248, 232,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 81.0886, 0.3563, 0.3796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 232, 183) }
```

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

```
.background{ background-color: rgb(248,  
232, 183) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor