

Converting Colors

$Yxy(88.3486, 0.3687, 0.4138)$

Have a look what the booklet for
Yxy(88.3486, 0.3687, 0.4138)
contains.

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Color

Yxy(88.3873, 0.3688, 0.4133)

Conversions

Conversions Part 1

Format	Color
Hex	FBF5A1
RGB	251, 245, 161
RGB Percent	98%, 96%, 63%
CMY	0.0156, 0.0392, 0.3688
CMYK	0.00, 0.02, 0.36, 0.02
HSL	56°, 92%, 81%
HSV	56°, 36%, 98%
XYZ	78.8706, 88.3873, 46.5995
YIQ	237.2180, 30.5400, -24.8520

Conversions

Conversions Part 2

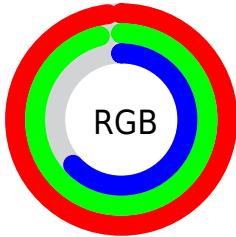
Format	Color
RYB	167, 251, 161
Decimal	16512417
CIELab	95.32, -9.99, 41.22
CIElCh	95, 42.411, 103.625
Yxy	88.3873, 0.3688, 0.4133
Android (android.graphics.Color)	4294702497 (0xFFFBF5A1)
YUV	237.2180, -37.5755, 12.0868
Hunter-Lab	94.0145, -14.7782, 36.4223

Details

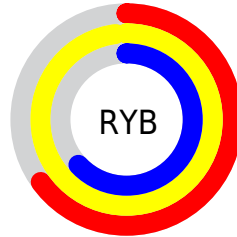
The Yxy color **88.3873, 0.3688, 0.4133** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **42.1647, 0.2481, 0.2278**, and the grayscale version is **85.1437, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7898, 0.3352, 0.3661**, and **48.8154, 0.3794, 0.4318** is the 20% darker color. If you saturate the color by 10%, you get **86.5833, 0.3840, 0.4354**, and if you desaturate by 10%, it is **90.3862, 0.3529, 0.3899**.

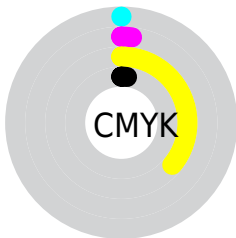
Distribution



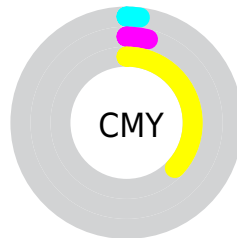
- Red (98%)
- Green (96%)
- Blue (63%)



- Red (65%)
- Yellow (98%)
- Blue (63%)



- Cyan (0%)
- Magenta (2%)
- Yellow (36%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.3873, 0.3688, 0.4133 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 88.3873, 0.3688, 0.4133 by changing the saturation by 10% instead.


 88.3873, 0.3688,
0.4133


 88.3873, 0.3688,
0.4133

522.7707, 0.3447,
0.3755

 66.6439, 0.3738,
0.4215

 145.0962, 0.3609,
0.4005

 48.7953, 0.3796,
0.4314

 180.8305, 0.3576,
0.3954

 34.4571, 0.3865,
0.4435


221.9972, 0.3548,
0.3910

 23.2450, 0.3947,
0.4586

268.9808, 0.3523,
0.3871

 14.7745, 0.4043,
0.4775

322.1655, 0.3501,
0.3837

 8.6613, 0.4151,
0.5017

381.9358, 0.3481,

 4.5209, 0.4351,

0.3807

0.5443

448.6761, 0.3463,
0.3779

■ 1.9690, 0.4301,
0.5699

■ 0.5894, 0.3492,
0.6508

■ 88.3873, 0.3688,
0.4133

■ 88.3873, 0.3688,
0.4133

■ 86.5833, 0.3840,
0.4354

■ 90.3862, 0.3529,
0.3899

■ 84.9516, 0.3979,
0.4550


■ 92.5779, 0.3370,
0.3660


■ 83.4841, 0.4100,
0.4714


■ 94.9755, 0.3215,
0.3425

■ 82.1676, 0.4195,
0.4836


■ 97.1709, 0.3104,
0.3258

 80.9863, 0.4264,
0.4914

 98.2269, 0.3103,
0.3274

 79.9208, 0.4305,
0.4948

 99.2526, 0.3103,
0.3290

 79.5035, 0.4317,
0.4954

Harmonies

Analogous

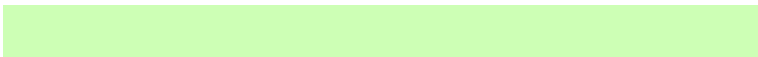
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3873, 0.4003, 0.3912



88.3873, 0.3688, 0.4133



88.3873, 0.3235, 0.4111

Triad

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



88.3873, 0.3688, 0.4133



88.3873, 0.2262, 0.2902



88.3873, 0.3448, 0.2842

Complementary

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



88.3873, 0.3688, 0.4133



42.1647, 0.2481, 0.2278

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.



88.3873, 0.2960, 0.2608



88.3873, 0.3688, 0.4133



88.3873, 0.2307, 0.2618

Square

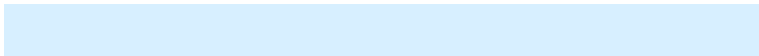
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



88.3873, 0.3688, 0.4133



88.3873, 0.2425, 0.3340



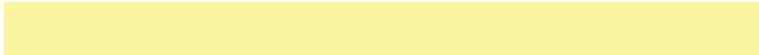
88.3873, 0.2551, 0.2523



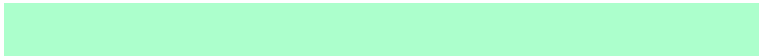
88.3873, 0.3870, 0.3180

Rectangle

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



88.3873, 0.3688, 0.4133



88.3873, 0.2921, 0.3936



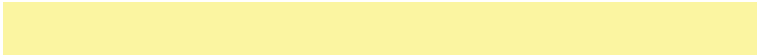
88.3873, 0.2551, 0.2523



88.3873, 0.3285, 0.2750

Sweetspot

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



88.3913, 0.3688, 0.4133



97.1339, 0.3294, 0.3545



48.8308, 0.3923, 0.3212



20.7190, 0.3315, 0.3577



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

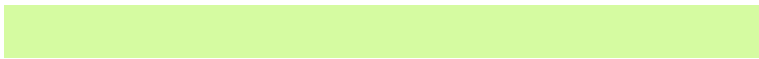
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3913, 0.3688, 0.4133



90.2517, 0.3798, 0.4293



85.7973, 0.3409, 0.4269



19.9805, 0.3270, 0.3509



41.8697, 0.4315, 0.4956



3.9359, 0.4299, 0.4969

Inverse Universe

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



42.1647, 0.2481, 0.2278



35.9471, 0.2331, 0.2037



44.5113, 0.2745, 0.2281



16.8290, 0.2979, 0.3061



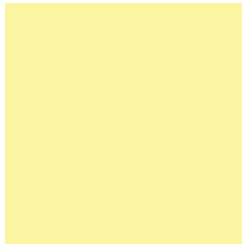
3.9389, 0.1511, 0.0641



0.4278, 0.1538, 0.0738

Previews

White Background



This preview shows how the Yxy color 88.3873, 0.3688, 0.4133 looks on a white background.

Color Contrast Check

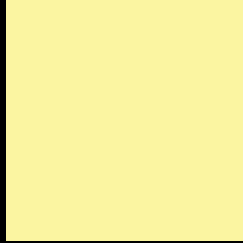
Large Text (above 18pt) WCAG AA × Fail

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 88.3873, 0.3688, 0.4133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

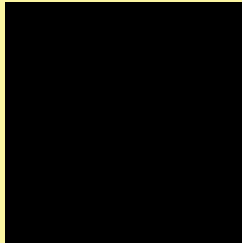
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 88.3873, 0.3688, 0.4133

Background



This preview shows how black text looks on a background with the Yxy color 88.3873, 0.3688, 0.4133.

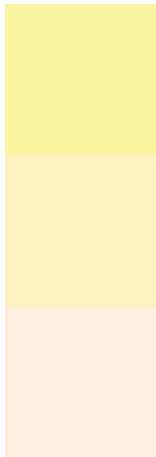


This preview shows how white text looks on a background with the Yxy color 88.3873, 0.3688, 0.4133.

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

88.3873, 0.3688, 0.4133

Protanopia

88.0656, 0.3520, 0.3760

Deuteranopia

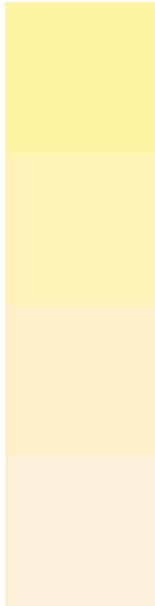
88.3748, 0.3329, 0.3439



Tritanopia

88.0905, 0.3173, 0.3164

Trichromacy



Original Color

88.3873, 0.3688, 0.4133

Protanomaly

87.9525, 0.3587, 0.3892

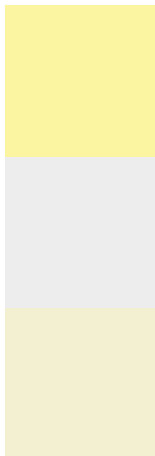
Deuteranomaly

88.1985, 0.3468, 0.3691

Tritanomaly

87.8136, 0.3367, 0.3509

Monochromacy



Original Color

88.3873, 0.3688, 0.4133

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.8009, 0.3334, 0.3608

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.3873, 0.3688, 0.4133 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(251, 245, 161)` looks like.

```
.text, #text, p{  
    color:rgb(251, 245, 161)  
}
```

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(251, 245, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 245, 161) }
```

Border

The CSS property to change the border of an element to Yxy 88.3873, 0.3688, 0.4133 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(251, 245, 161) }
```

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

```
.border{ border-color:rgb(251, 245, 161) }
```

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

Here you see how a box with a 4 pixel rgb(251, 245, 161) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 245, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 245, 161);  
box-shadow:4px 4px 4px 4px rgb(251, 245,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 88.3873, 0.3688, 0.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 245, 161) }
```

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

```
.background{ background-color: rgb(251,  
245, 161) }
```

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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