

Converting Colors

$Yxy(84.3296, 0.3394, 0.4001)$

Have a look what the booklet for
Yxy(84.3296, 0.3394, 0.4001)
contains.

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Color

Yxy(84.4068, 0.3388, 0.3998)

Conversions

Conversions Part 1

Format	Color
Hex	E0F5B3
RGB	224, 245, 179
RGB Percent	88%, 96%, 70%
CMY	0.1216, 0.0392, 0.2979
CMYK	0.09, 0.00, 0.27, 0.04
HSL	79°, 77%, 83%
HSV	79°, 27%, 96%
XYZ	71.5283, 84.4068, 55.1874
YIQ	231.1970, 8.6700, -24.9780

Conversions

Conversions Part 2

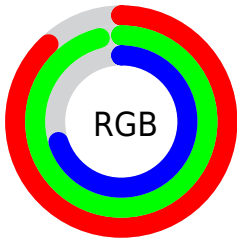
Format	Color
RYB	179, 245, 200
Decimal	14742963
CIELab	93.63, -17.73, 29.55
CIELCh	94, 34.463, 120.969
Yxy	84.4068, 0.3388, 0.3998
Android (android.graphics.Color)	4292933043 (0xFFE0F5B3)
YUV	231.1970, -25.7331, -6.3118
Hunter-Lab	91.8732, -21.8060, 28.6962

Details

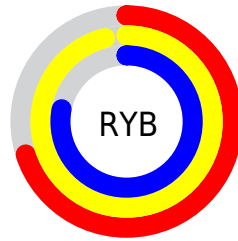
The Yxy color **84.4068, 0.3388, 0.3998** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.1349, 0.2810, 0.2546**, and the grayscale version is **80.2580, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **46.2264, 0.3434, 0.4165** is the 20% darker color. If you saturate the color by 10%, you get **82.2864, 0.3478, 0.4278**, and if you desaturate by 10%, it is **86.7681, 0.3292, 0.3724**.

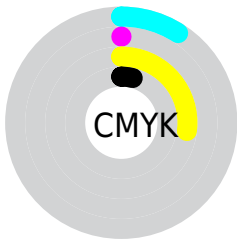
Distribution



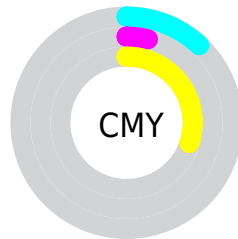
- Red (88%)
- Green (96%)
- Blue (70%)



- Red (70%)
- Yellow (96%)
- Blue (78%)



- Cyan (9%)
- Magenta (0%)
- Yellow (27%)
- Black (4%)





- Cyan (12%)
- Magenta (4%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.4068, 0.3388, 0.3998 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 84.4068, 0.3388, 0.3998 by changing the saturation by 10% instead.


 84.4068, 0.3388,
0.3998

 84.4068, 0.3388,
0.3998


509.6631, 0.3277,
0.3670

 63.3514, 0.3411,
0.4072


 139.5441, 0.3352,
0.3884

 46.1255, 0.3437,
0.4164


174.3947, 0.3337,
0.3840

 32.3449, 0.3469,
0.4279


214.6125, 0.3324,
0.3802

 21.6251, 0.3506,
0.4428

260.5819, 0.3312,
0.3769

 13.5817, 0.3549,
0.4628

312.6873, 0.3302,
0.3740

 7.8303, 0.3596,
0.4905

371.3130, 0.3293,

 3.9865, 0.3638,

0.3714

436.8435, 0.3285,
0.3691

0.5318

1.6660, 0.3777,
0.6223

0.4015, 0.0000,
1.0000

84.4068, 0.3388,
0.3998

84.4068, 0.3388,
0.3998

82.2864, 0.3478,
0.4278

86.7681, 0.3292,
0.3724

80.3856, 0.3558,
0.4554

89.3685, 0.3194,
0.3462

78.6972, 0.3621,
0.4814

92.2205, 0.3098,
0.3217

77.2091, 0.3664,
0.5046

93.7897, 0.3132,
0.3194

■ 75.9078, 0.3683,
0.5237

■ 74.7772, 0.3676,
0.5381

■ 73.7975, 0.3645,
0.5475

■ 73.5174, 0.3633,
0.5498

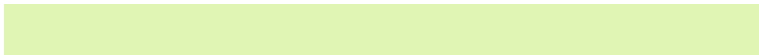
Harmonies

Analogous

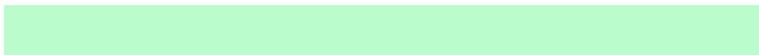
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.4068, 0.3725, 0.3934



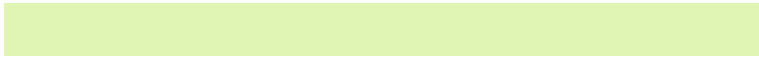
84.4068, 0.3388, 0.3998



84.4068, 0.2995, 0.3839

Triad

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



84.4068, 0.3388, 0.3998



84.4068, 0.2403, 0.2817



84.4068, 0.3609, 0.3074

Complementary

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



84.4068, 0.3388, 0.3998



51.1349, 0.2810, 0.2546

Split Complementary

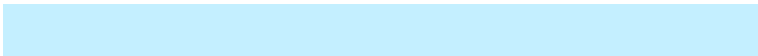
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.4068, 0.3224, 0.2818



84.4068, 0.3388, 0.3998



84.4068, 0.2542, 0.2664

Square

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



84.4068, 0.3388, 0.3998



84.4068, 0.2441, 0.3117



84.4068, 0.2835, 0.2670



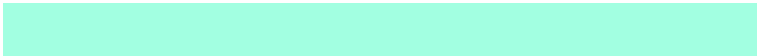
84.4068, 0.3864, 0.3389

Rectangle

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



84.4068, 0.3388, 0.3998



84.4068, 0.2754, 0.3626



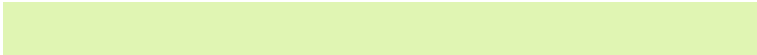
84.4068, 0.2835, 0.2670



84.4068, 0.3489, 0.2980

Sweetspot

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



84.4105, 0.3388, 0.3998



97.5428, 0.3205, 0.3490



63.9446, 0.3653, 0.3516



20.7835, 0.3220, 0.3528



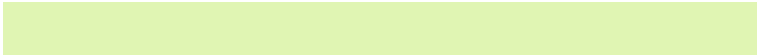
0.0000, 0.0000, 0.0000



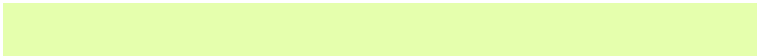
21.4041, 0.3127, 0.3290

Same Dimension

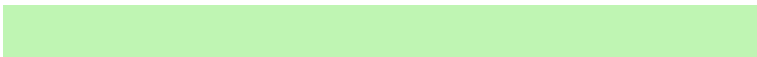
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4105, 0.3388, 0.3998



91.2099, 0.3435, 0.4142



79.6591, 0.3167, 0.4049



19.0334, 0.3219, 0.3527



39.6798, 0.3642, 0.5491



3.5424, 0.3712, 0.5435

Inverse Universe

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



51.1349, 0.2810, 0.2546



49.4583, 0.2736, 0.2385



56.1564, 0.3063, 0.2599



16.1830, 0.3029, 0.3049



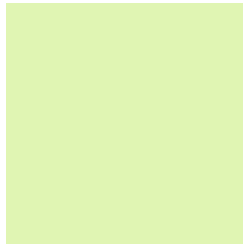
4.4913, 0.1725, 0.0724



0.4475, 0.1858, 0.0797

Previews

White Background



This preview shows how the Yxy color 84.4068, 0.3388, 0.3998 looks on a white background.

Color Contrast Check

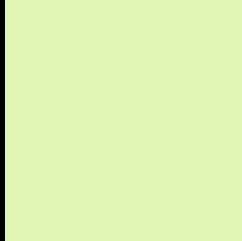
Large Text (above 18pt) WCAG AA × Fail

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 84.4068, 0.3388, 0.3998 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

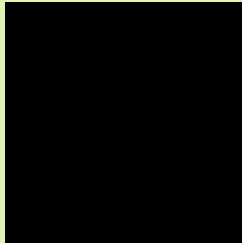
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

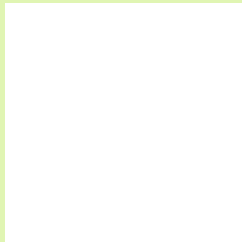
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.4068, 0.3388, 0.3998

Background



This preview shows how black text looks on a background with the Yxy color 84.4068, 0.3388, 0.3998.

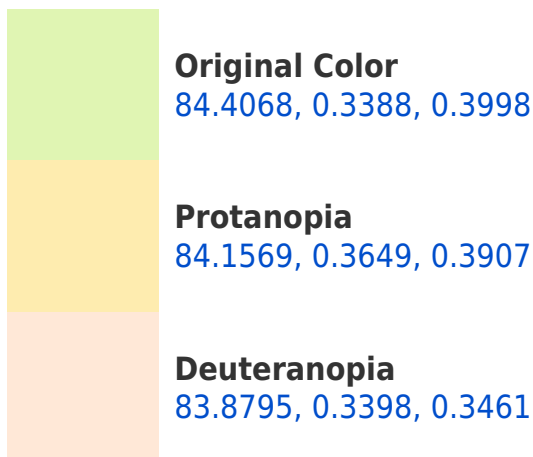


This preview shows how white text looks on a background with the Yxy color 84.4068, 0.3388, 0.3998.

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

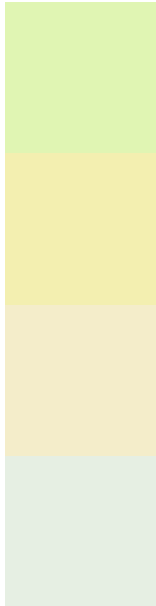




Tritanopia

84.0648, 0.3005, 0.3099

Trichromacy



Original Color

84.4068, 0.3388, 0.3998

Protanomaly

83.9223, 0.3554, 0.3942

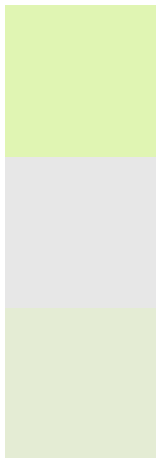
Deuteranomaly

84.0657, 0.3398, 0.3650

Tritanomaly

84.1020, 0.3141, 0.3415

Monochromacy



Original Color

84.4068, 0.3388, 0.3998

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

81.2384, 0.3223, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.4068, 0.3388, 0.3998 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(224, 245, 179)` looks like.

```
.text, #text, p{  
    color:rgb(224, 245, 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(224, 245, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 245, 179) }
```

Border

The CSS property to change the border of an element to Yxy 84.4068, 0.3388, 0.3998 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(224, 245, 179) }
```

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

```
.border{ border-color:rgb(224, 245, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 245, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 245, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 245, 179);  
box-shadow:4px 4px 4px 4px rgb(224, 245,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 84.4068, 0.3388, 0.3998 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 245, 179) }
```

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

```
.background{ background-color: rgb(224,  
245, 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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