

Converting Colors

Yxy(88.5858, 0.3233, 0.4043)

Have a look what the booklet for
Yxy(88.5858, 0.3233, 0.4043)
contains.

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Color

Yxy(88.6205, 0.3233, 0.4040)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFBA
RGB	209, 255, 186
RGB Percent	82%, 100%, 73%
CMY	0.1804, 0.0000, 0.2706
CMYK	0.18, 0.00, 0.27, 0.00
HSL	100°, 100%, 86%
HSV	100°, 27%, 100%
XYZ	70.9183, 88.6205, 59.8188
YIQ	233.3800, -5.2670, -31.2110

Conversions

Conversions Part 2

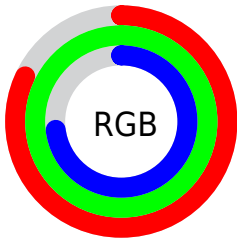
Format	Color
RYB	186, 255, 232
Decimal	13762490
CIELab	95.42, -26.77, 28.30
CIElCh	95, 38.955, 133.401
Yxy	88.6205, 0.3233, 0.4040
Android (android.graphics.Color)	4291952570 (0xFFD1FFBA)
YUV	233.3800, -23.3583, -21.3813
Hunter-Lab	94.1385, -30.2710, 28.2220

Details

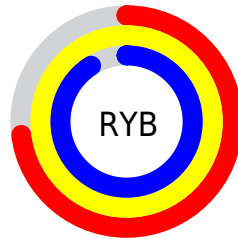
The Yxy color **88.6205, 0.3233, 0.4040** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.4904, 0.2984, 0.2577**, and the grayscale version is **81.9699, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **48.9241, 0.3252, 0.4221** is the 20% darker color. If you saturate the color by 10%, you get **85.2834, 0.3264, 0.4357**, and if you desaturate by 10%, it is **92.4175, 0.3196, 0.3742**.

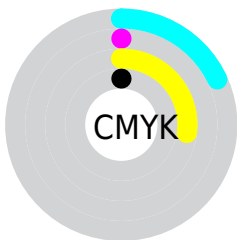
Distribution



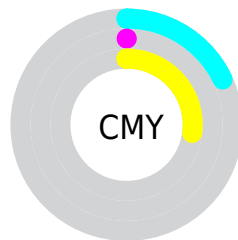
- Red (82%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.6205, 0.3233, 0.4040 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 88.6205, 0.3233, 0.4040 by changing the saturation by 10% instead.


 88.6205, 0.3233,
0.4040

 88.6205, 0.3233,
0.4040


523.5331, 0.3194,
0.3691

 66.8371, 0.3239,
0.4120

 145.4207, 0.3221,
0.3919

 48.9522, 0.3246,
0.4218


181.2063, 0.3216,
0.3872

 34.5816, 0.3253,
0.4342


222.4280, 0.3212,
0.3831

 23.3407, 0.3258,
0.4503

269.4703, 0.3208,
0.3796

 14.8453, 0.3258,
0.4720

322.7176, 0.3204,
0.3765

 8.7109, 0.3247,
0.5026

382.5542, 0.3200,

 4.5531, 0.3202,

0.3738

0.5484

449.3646, 0.3197,
0.3713

1.9875, 0.3293,
0.6707

0.6002, 0.0000,
1.0000

88.6205, 0.3233,
0.4040

88.6205, 0.3233,
0.4040

85.2834, 0.3264,
0.4357

92.4175, 0.3196,
0.3742

82.3848, 0.3285,
0.4682

96.6890, 0.3156,
0.3468

79.9058, 0.3295,
0.5000

100.0000, 0.3127,
0.3290

77.8247, 0.3288,
0.5293

■ 76.1176, 0.3265,
0.5541

■ 74.7574, 0.3226,
0.5728

■ 73.7117, 0.3175,
0.5847

■ 73.4530, 0.3159,
0.5874

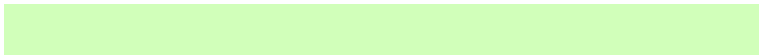
Harmonies

Analogous

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



88.6205, 0.3648, 0.4063



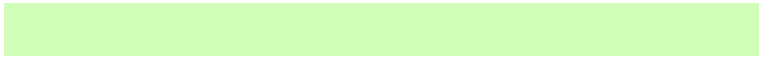
88.6205, 0.3233, 0.4040



88.6205, 0.2807, 0.3765

Triad

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



88.6205, 0.3233, 0.4040



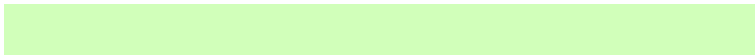
88.6205, 0.2368, 0.2673



88.6205, 0.3806, 0.3189

Complementary

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



88.6205, 0.3233, 0.4040



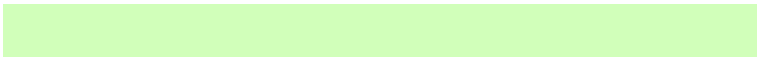
59.4904, 0.2984, 0.2577

Split Complementary

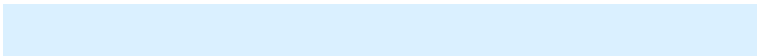
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.6205, 0.3420, 0.2874



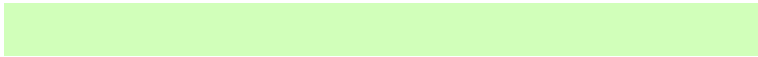
88.6205, 0.3233, 0.4040



88.6205, 0.2595, 0.2582

Square

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



88.6205, 0.3233, 0.4040



88.6205, 0.2328, 0.2939



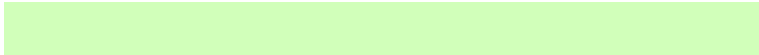
88.6205, 0.2972, 0.2658



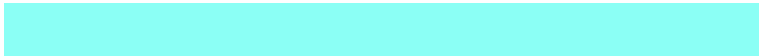
88.6205, 0.3998, 0.3543

Rectangle

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



88.6205, 0.3233, 0.4040



88.6205, 0.2574, 0.3489



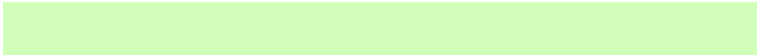
88.6205, 0.2972, 0.2658



88.6205, 0.3693, 0.3076

Sweetspot

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



88.6214, 0.3233, 0.4040



96.2668, 0.3160, 0.3492



81.8723, 0.3597, 0.3745



20.4623, 0.3166, 0.3532



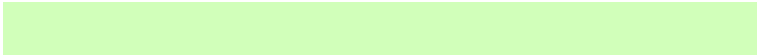
0.0000, 0.0000, 0.0000



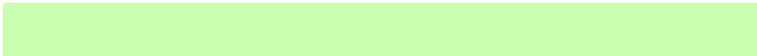
21.4041, 0.3127, 0.3290

Same Dimension

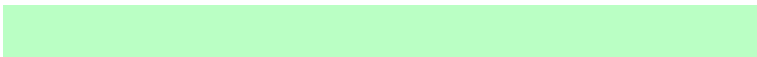
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6214, 0.3233, 0.4040



86.9164, 0.3249, 0.4195



85.9600, 0.3035, 0.3952



20.4623, 0.3166, 0.3532



38.4533, 0.3170, 0.5865



3.8009, 0.3255, 0.5797

Inverse Universe

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



59.4904, 0.2984, 0.2577



53.7202, 0.2951, 0.2439



62.9476, 0.3236, 0.2708



17.9792, 0.3084, 0.3052



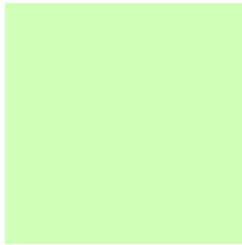
8.3210, 0.2381, 0.1086



0.8700, 0.2477, 0.1138

Previews

White Background



This preview shows how the Yxy color 88.6205, 0.3233, 0.4040 looks on a white background.

Color Contrast Check

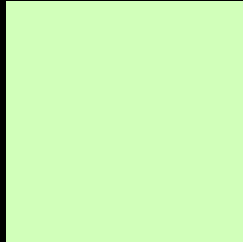
Large Text (above 18pt) WCAG AA × Fail

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 88.6205, 0.3233, 0.4040 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

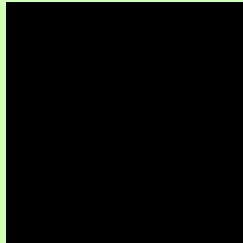
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

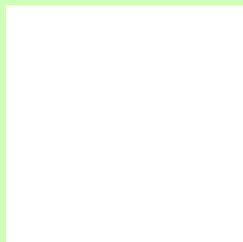
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.6205, 0.3233, 0.4040

Background



This preview shows how black text looks on a background with the Yxy color 88.6205, 0.3233, 0.4040.

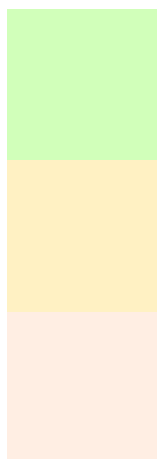


This preview shows how white text looks on a background with the Yxy color 88.6205, 0.3233, 0.4040.

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

88.6205, 0.3233, 0.4040

Protanopia

88.1107, 0.3513, 0.3750

Deuteranopia

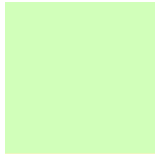
87.9551, 0.3311, 0.3399



Tritanopia

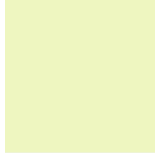
88.1442, 0.2975, 0.3169

Trichromacy



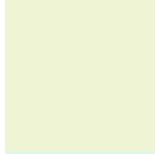
Original Color

88.6205, 0.3233, 0.4040



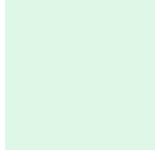
Protanomaly

87.8944, 0.3404, 0.3849



Deuteranomaly

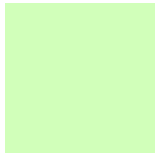
87.6320, 0.3283, 0.3619



Tritanomaly

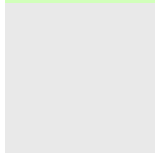
87.7643, 0.3068, 0.3467

Monochromacy



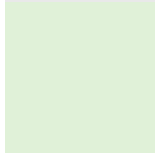
Original Color

88.6205, 0.3233, 0.4040



Achromatopsia

81.4847, 0.3127, 0.3290



Achromatomaly

83.7158, 0.3167, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.6205, 0.3233, 0.4040 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(209, 255, 186)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 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(209, 255, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 186) }
```

Border

The CSS property to change the border of an element to Yxy 88.6205, 0.3233, 0.4040 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(209, 255, 186) }
```

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

```
.border{ border-color:rgb(209, 255, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 255, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 186);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 88.6205, 0.3233, 0.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 255, 186) }
```

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

```
.background{ background-color: rgb(209,  
255, 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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