

Converting Colors

Yxy(88.1326, 0.3228, 0.4069)

Have a look what the booklet for
Yxy(88.1326, 0.3228, 0.4069)
contains.

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Color

Yxy(88.1025, 0.3225, 0.4067)

Conversions

Conversions Part 1

Format	Color
Hex	CEFFB8
RGB	206, 255, 184
RGB Percent	81%, 100%, 72%
CMY	0.1922, 0.0000, 0.2785
CMYK	0.19, 0.00, 0.28, 0.00
HSL	101°, 100%, 86%
HSV	101°, 28%, 100%
XYZ	69.8624, 88.1025, 58.6628
YIQ	232.2550, -6.4130, -32.4690

Conversions

Conversions Part 2

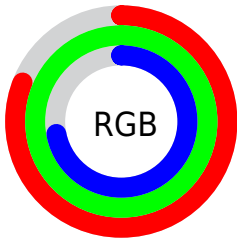
Format	Color
RYB	184, 255, 233
Decimal	13565880
CIELab	95.20, -28.09, 28.99
CIElCh	95, 40.367, 134.097
Yxy	88.1025, 0.3225, 0.4067
Android (android.graphics.Color)	4291755960 (0xFFCEFFB8)
YUV	232.2550, -23.7897, -23.0256
Hunter-Lab	93.8629, -31.4021, 28.6488

Details

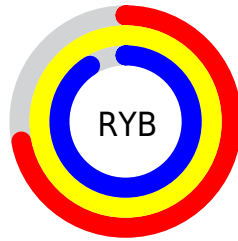
The Yxy color **88.1025, 0.3225, 0.4067** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.8188, 0.2992, 0.2558**, and the grayscale version is **81.0787, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **48.5792, 0.3241, 0.4257** is the 20% darker color. If you saturate the color by 10%, you get **84.7470, 0.3251, 0.4387**, and if you desaturate by 10%, it is **91.9297, 0.3192, 0.3765**.

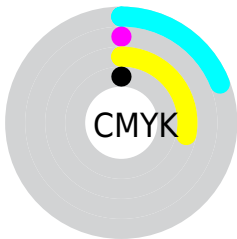
Distribution



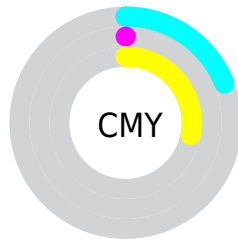
- Red (81%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (19%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1025, 0.3225, 0.4067 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 88.1025, 0.3225, 0.4067 by changing the saturation by 10% instead.

 88.1025, 0.3225,
0.4067

 88.1025, 0.3225,
0.4067


521.8388, 0.3190,
0.3705

 66.4080, 0.3230,
0.4150


 144.6999, 0.3215,
0.3941

 48.6036, 0.3236,
0.4252


180.3715, 0.3211,
0.3892

 34.3052, 0.3240,
0.4381

221.4709, 0.3206,
0.3850

 23.1281, 0.3242,
0.4550

268.3825, 0.3203,
0.3814

 14.6882, 0.3239,
0.4777

321.4907, 0.3199,
0.3781

 8.6008, 0.3221,
0.5098

381.1799, 0.3196,

 4.4817, 0.3163,

0.3753

0.5578

447.8345, 0.3193,
0.3728

■ 1.9465, 0.3200,
0.6800

■ 0.5761, 0.0000,
1.0000

■ 88.1025, 0.3225,
0.4067

■ 88.1025, 0.3225,
0.4067

■ 84.7470, 0.3251,
0.4387

■ 91.9297, 0.3192,
0.3765

■ 81.8482, 0.3269,
0.4715

■ 96.2515, 0.3156,
0.3488

■ 79.3834, 0.3274,
0.5036

100.0000, 0.3127,
0.3290

■ 77.3298, 0.3264,
0.5329

■ 75.6620, 0.3239,
0.5575

■ 74.3513, 0.3199,
0.5758

■ 73.3622, 0.3149,
0.5871

■ 73.1830, 0.3138,
0.5890

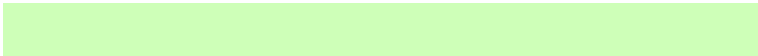
Harmonies

Analogous

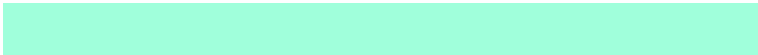
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1025, 0.3658, 0.4095



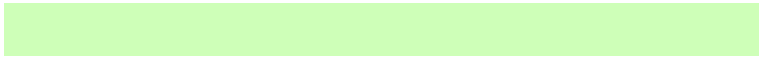
88.1025, 0.3225, 0.4067



88.1025, 0.2785, 0.3775

Triad

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



88.1025, 0.3225, 0.4067



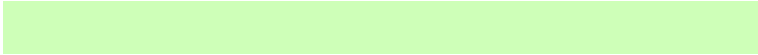
88.1025, 0.2345, 0.2646



88.1025, 0.3840, 0.3192

Complementary

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



88.1025, 0.3225, 0.4067



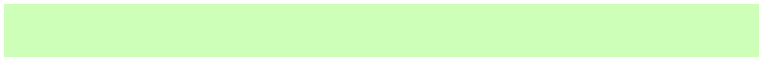
58.8188, 0.2992, 0.2558

Split Complementary

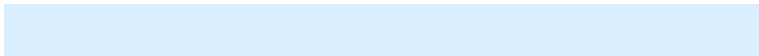
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1025, 0.3441, 0.2866



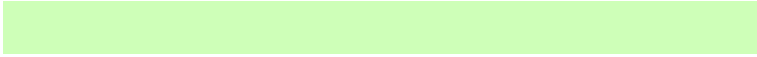
88.1025, 0.3225, 0.4067



88.1025, 0.2583, 0.2557

Square

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



88.1025, 0.3225, 0.4067



88.1025, 0.2299, 0.2916



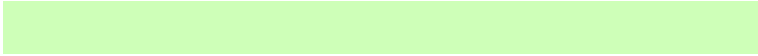
88.1025, 0.2976, 0.2639



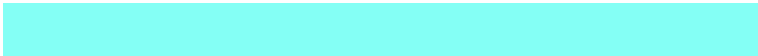
88.1025, 0.4033, 0.3558

Rectangle

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



88.1025, 0.3225, 0.4067



88.1025, 0.2546, 0.3485



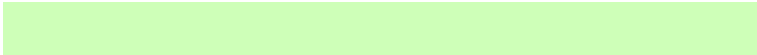
88.1025, 0.2976, 0.2639



88.1025, 0.3724, 0.3076

Sweetspot

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



88.1010, 0.3225, 0.4067



96.1820, 0.3157, 0.3492



82.7226, 0.3606, 0.3781



20.4411, 0.3163, 0.3532



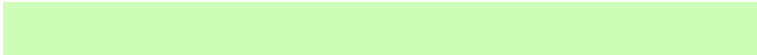
0.0000, 0.0000, 0.0000



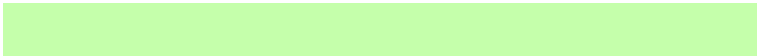
21.4041, 0.3127, 0.3290

Same Dimension

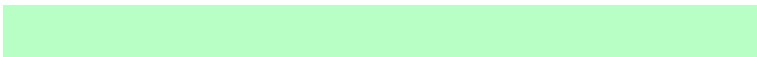
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1010, 0.3225, 0.4067



86.3149, 0.3240, 0.4230



85.7404, 0.3020, 0.3946



20.4411, 0.3163, 0.3532



38.3086, 0.3148, 0.5882



3.7848, 0.3231, 0.5816

Inverse Universe

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



58.8188, 0.2992, 0.2558



52.9347, 0.2959, 0.2415



61.9456, 0.3258, 0.2712



18.0015, 0.3088, 0.3052



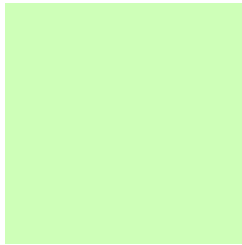
8.6770, 0.2437, 0.1116



0.9027, 0.2527, 0.1166

Previews

White Background



This preview shows how the Yxy color 88.1025, 0.3225, 0.4067 looks on a white background.

Color Contrast Check

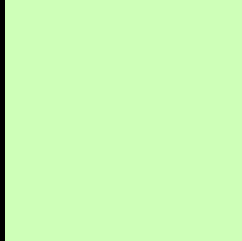
Large Text (above 18pt) WCAG AA × Fail

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 88.1025, 0.3225, 0.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

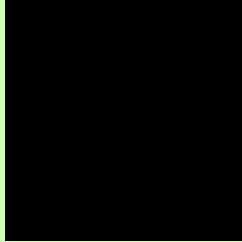
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

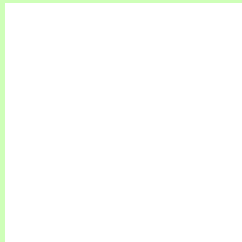
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1025, 0.3225, 0.4067

Background



This preview shows how black text looks on a background with the Yxy color 88.1025, 0.3225, 0.4067.

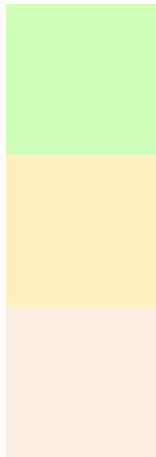


This preview shows how white text looks on a background with the Yxy color 88.1025, 0.3225, 0.4067.

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

88.1025, 0.3225, 0.4067

Protanopia

87.3418, 0.3542, 0.3781

Deuteranopia

87.2646, 0.3325, 0.3409



Tritanopia

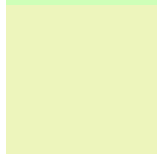
87.8152, 0.2962, 0.3169

Trichromacy



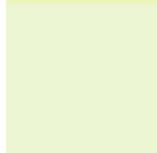
Original Color

88.1025, 0.3225, 0.4067



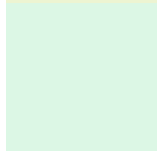
Protanomaly

86.9402, 0.3423, 0.3883



Deuteranomaly

87.3590, 0.3289, 0.3641



Tritanomaly

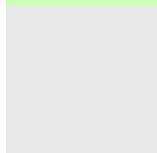
87.3943, 0.3061, 0.3478

Monochromacy



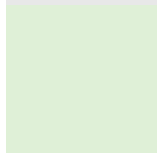
Original Color

88.1025, 0.3225, 0.4067



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.9144, 0.3167, 0.3556

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1025, 0.3225, 0.4067 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(206, 255, 184)` looks like.

```
.text, #text, p{  
    color:rgb(206, 255, 184)  
}
```

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(206, 255, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 255, 184) }
```

Border

The CSS property to change the border of an element to Yxy 88.1025, 0.3225, 0.4067 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(206, 255, 184) }
```

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

```
.border{ border-color:rgb(206, 255, 184) }
```

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

Here you see how a box with a 4 pixel rgb(206, 255, 184) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 255, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 255, 184);  
box-shadow:4px 4px 4px 4px rgb(206, 255,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1025, 0.3225, 0.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 255, 184) }
```

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

```
.background{ background-color: rgb(206,  
255, 184) }
```

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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