

Converting Colors

$Y_{xy}(108.4243, 0.3223, 0.4365)$

Have a look what the booklet for
Yxy(108.4243, 0.3223, 0.4365)
contains.

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Color

Yxy(88.2252, 0.3260, 0.4108)

Conversions

Conversions Part 1

Format	Color
Hex	D0FFB4
RGB	208, 255, 180
RGB Percent	82%, 100%, 71%
CMY	0.1843, 0.0000, 0.2941
CMYK	0.18, 0.00, 0.29, 0.00
HSL	98°, 100%, 85%
HSV	98°, 29%, 100%
XYZ	70.0132, 88.2252, 56.5260
YIQ	232.3970, -3.9370, -33.2890

Conversions

Conversions Part 2

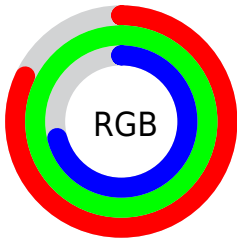
Format	Color
RYB	180, 255, 227
Decimal	13696948
CIELab	95.26, -27.99, 31.08
CIELCh	95, 41.825, 132.005
Yxy	88.2252, 0.3260, 0.4108
Android (android.graphics.Color)	4291887028 (0xFFD0FFB4)
YUV	232.3970, -25.8317, -21.3962
Hunter-Lab	93.9283, -31.3224, 30.0691

Details

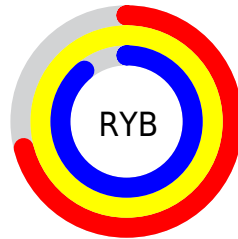
The Yxy color **88.2252, 0.3260, 0.4108** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **56.2008, 0.2946, 0.2506**, and the grayscale version is **81.2110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **48.6928, 0.3278, 0.4295** is the 20% darker color. If you saturate the color by 10%, you get **85.0803, 0.3295, 0.4423**, and if you desaturate by 10%, it is **91.7982, 0.3218, 0.3808**.

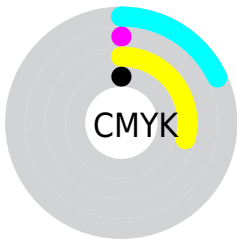
Distribution



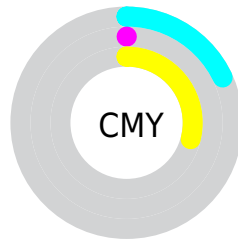
- Red (82%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (89%)



- Cyan (18%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.2252, 0.3260, 0.4108 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 88.2252, 0.3260, 0.4108 by changing the saturation by 10% instead.


 88.2252, 0.3260,
0.4108

 88.2252, 0.3260,
0.4108


522.2404, 0.3211,
0.3727

 66.5096, 0.3268,
0.4195


 144.8706, 0.3245,
0.3976

 48.6862, 0.3277,
0.4302

180.5693, 0.3239,
0.3924

 34.3706, 0.3285,
0.4438


221.6977, 0.3233,
0.3880

 23.1785, 0.3292,
0.4614

268.6403, 0.3228,
0.3841

 14.7253, 0.3294,
0.4850

321.7815, 0.3223,
0.3808

 8.6268, 0.3281,
0.5182

381.5056, 0.3218,

 4.4986, 0.3226,

0.3778

0.5674

448.1971, 0.3214,
0.3751

■ 1.9562, 0.3209,
0.6791

■ 0.5818, 0.0000,
1.0000

■ 88.2252, 0.3260,
0.4108

■ 88.2252, 0.3260,
0.4108

■ 85.0803, 0.3295,
0.4423

■ 91.7982, 0.3218,
0.3808

■ 82.3409, 0.3320,
0.4743

■ 95.8102, 0.3172,
0.3529

■ 79.9901, 0.3331,
0.5051

100.0000, 0.3127,
0.3290

■ 78.0073, 0.3324,
0.5330

■ 76.3699, 0.3299,
0.5561

■ 75.0521, 0.3257,
0.5730

■ 74.0179, 0.3202,
0.5837

■ 73.9633, 0.3199,
0.5842

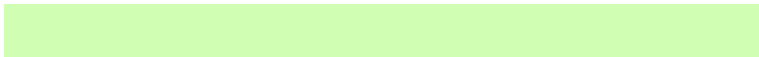
Harmonies

Analogous

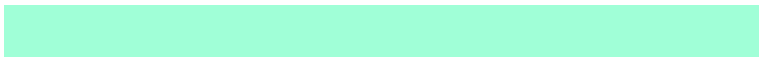
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2252, 0.3703, 0.4115



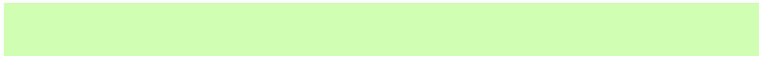
88.2252, 0.3260, 0.4108



88.2252, 0.2802, 0.3822

Triad

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



88.2252, 0.3260, 0.4108



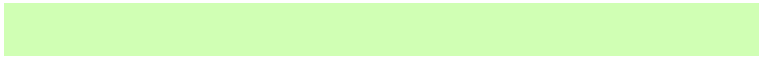
88.2252, 0.2309, 0.2637



88.2252, 0.3842, 0.3162

Complementary

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



88.2252, 0.3260, 0.4108



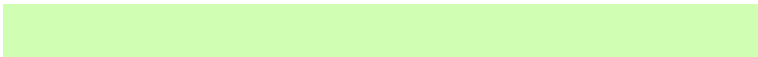
56.2008, 0.2946, 0.2506

Split Complementary

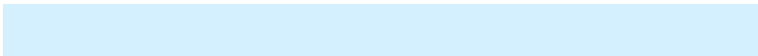
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.2252, 0.3419, 0.2832



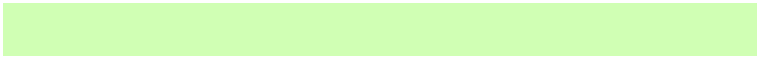
88.2252, 0.3260, 0.4108



88.2252, 0.2541, 0.2533

Square

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



88.2252, 0.3260, 0.4108



88.2252, 0.2276, 0.2928



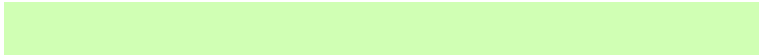
88.2252, 0.2938, 0.2607



88.2252, 0.4061, 0.3539

Rectangle

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



88.2252, 0.3260, 0.4108



88.2252, 0.2548, 0.3525



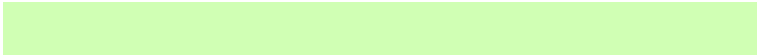
88.2252, 0.2938, 0.2607



88.2252, 0.3717, 0.3044

Sweetspot

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



88.2270, 0.3260, 0.4108



95.9826, 0.3170, 0.3518



79.0879, 0.3650, 0.3762



20.4127, 0.3177, 0.3557



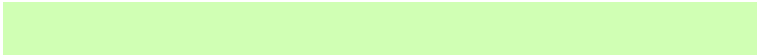
0.0000, 0.0000, 0.0000



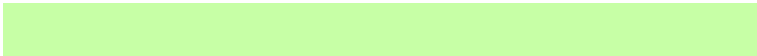
21.4041, 0.3127, 0.3290

Same Dimension

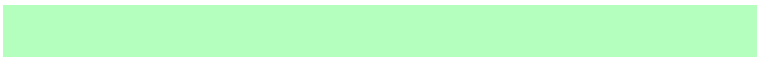
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2270, 0.3260, 0.4108



86.4154, 0.3281, 0.4283



84.8890, 0.3040, 0.4049



20.4984, 0.3172, 0.3532



38.7253, 0.3210, 0.5833



3.8304, 0.3297, 0.5764

Inverse Universe

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



56.2008, 0.2946, 0.2506



49.8811, 0.2902, 0.2347



60.5780, 0.3228, 0.2634



17.9417, 0.3078, 0.3051



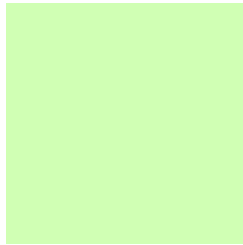
7.7553, 0.2289, 0.1035



0.8175, 0.2393, 0.1092

Previews

White Background



This preview shows how the Yxy color 88.2252, 0.3260, 0.4108 looks on a white background.

Color Contrast Check

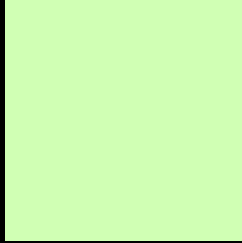
Large Text (above 18pt) WCAG AA × Fail

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 88.2252, 0.3260, 0.4108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

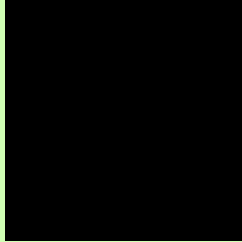
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

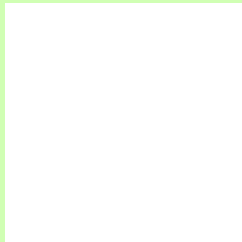
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2252, 0.3260, 0.4108

Background



This preview shows how black text looks on a background with the Yxy color 88.2252, 0.3260, 0.4108.

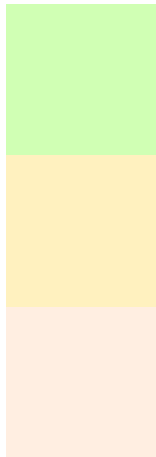


This preview shows how white text looks on a background with the Yxy color 88.2252, 0.3260, 0.4108.

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

88.2252, 0.3260, 0.4108

Protanopia

87.9322, 0.3539, 0.3791

Deuteranopia

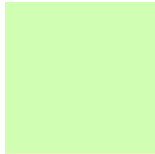
87.8453, 0.3324, 0.3419



Tritanopia

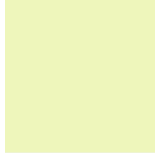
87.9792, 0.2968, 0.3169

Trichromacy



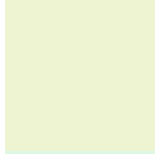
Original Color

88.2252, 0.3260, 0.4108



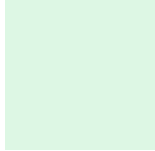
Protanomaly

87.6765, 0.3435, 0.3901



Deuteranomaly

87.4820, 0.3302, 0.3651



Tritanomaly

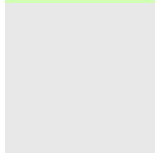
87.4951, 0.3073, 0.3489

Monochromacy



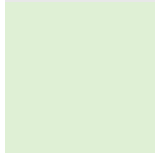
Original Color

88.2252, 0.3260, 0.4108



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.8122, 0.3180, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2252, 0.3260, 0.4108 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(208, 255, 180)` looks like.

```
.text, #text, p{  
    color:rgb(208, 255, 180)  
}
```

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(208, 255, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 255, 180) }
```

Border

The CSS property to change the border of an element to Yxy 88.2252, 0.3260, 0.4108 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(208, 255, 180) }
```

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

```
.border{ border-color:rgb(208, 255, 180) }
```

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

Here you see how a box with a 4 pixel rgb(208, 255, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 255, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 255, 180);  
box-shadow:4px 4px 4px 4px rgb(208, 255,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2252, 0.3260, 0.4108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 255, 180) }
```

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

```
.background{ background-color: rgb(208,  
255, 180) }
```

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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