

Converting Colors

Yxy(88.1446, 0.3297, 0.4122)

Have a look what the booklet for
Yxy(88.1446, 0.3297, 0.4122)
contains.

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Color

Yxy(87.9469, 0.3292, 0.4116)

Conversions

Conversions Part 1

Format	Color
Hex	D3FEB2
RGB	211, 254, 178
RGB Percent	83%, 100%, 70%
CMY	0.1726, 0.0039, 0.3020
CMYK	0.17, 0.00, 0.30, 0.00
HSL	94°, 97%, 85%
HSV	94°, 30%, 100%
XYZ	70.3404, 87.9469, 55.3835
YIQ	232.4790, -1.2320, -32.7520

Conversions

Conversions Part 2

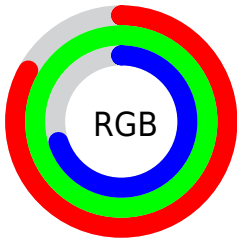
Format	Color
RYB	178, 254, 221
Decimal	13893298
CIELab	95.14, -26.78, 31.97
CIElCh	95, 41.704, 129.955
Yxy	87.9469, 0.3292, 0.4116
Android (android.graphics.Color)	4292083378 (0xFFD3FEB2)
YUV	232.4790, -26.8581, -18.8371
Hunter-Lab	93.7800, -30.2297, 30.6312

Details

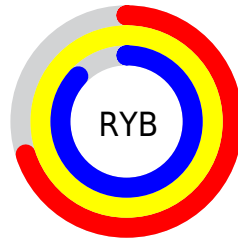
The Yxy color **87.9469, 0.3292, 0.4116** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.3676, 0.2907, 0.2484**, and the grayscale version is **81.2812, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7205, 0.3250, 0.3493**, and **48.3817, 0.3310, 0.4306** is the 20% darker color. If you saturate the color by 10%, you get **84.9944, 0.3337, 0.4425**, and if you desaturate by 10%, it is **91.2858, 0.3240, 0.3819**.

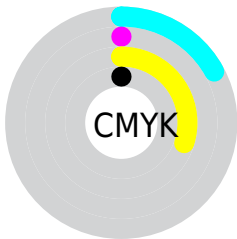
Distribution



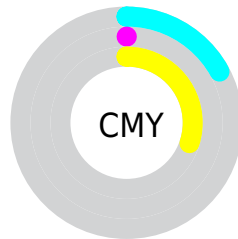
- Red (83%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (87%)



- Cyan (17%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (17%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.9469, 0.3292, 0.4116 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 87.9469, 0.3292, 0.4116 by changing the saturation by 10% instead.

 87.9469, 0.3292,
0.4116

 87.9469, 0.3292,
0.4116


521.3293, 0.3228,
0.3732

 66.2791, 0.3303,
0.4204

 144.4832, 0.3272,
0.3983

 48.4990, 0.3316,
0.4312


180.1205, 0.3264,
0.3931

 34.2222, 0.3329,
0.4448


221.1831, 0.3257,
0.3886

 23.0644, 0.3341,
0.4624

268.0554, 0.3250,
0.3847

 14.6410, 0.3350,
0.4860

321.1218, 0.3244,
0.3813

 8.5679, 0.3345,
0.5191


380.7666, 0.3238,


 4.4604, 0.3305,

0.3783


0.5682

447.3744, 0.3233,
0.3756


 1.9343, 0.3277,
0.6723


 0.5689, 0.0000,
1.0000


 87.9469, 0.3292,
0.4116


 87.9469, 0.3292,
0.4116


 84.9944, 0.3337,
0.4425

 91.2858, 0.3240,
0.3819


 82.4013, 0.3370,
0.4736

 95.0139, 0.3184,
0.3542


 80.1550, 0.3388,
0.5033


 99.1488, 0.3127,
0.3288


 78.2372, 0.3387,
0.5300

 99.3680, 0.3128,
0.3281

 76.6277, 0.3365,
0.5521

 75.3031, 0.3324,
0.5682

 74.2287, 0.3268,
0.5787

 74.2213, 0.3268,
0.5787

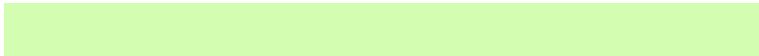
Harmonies

Analogous

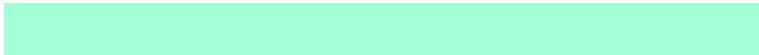
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9469, 0.3728, 0.4105



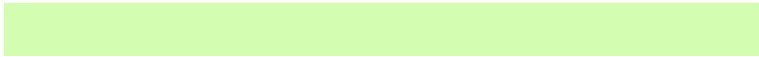
87.9469, 0.3292, 0.4116



87.9469, 0.2832, 0.3848

Triad

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



87.9469, 0.3292, 0.4116



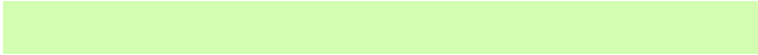
87.9469, 0.2302, 0.2652



87.9469, 0.3817, 0.3138

Complementary

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



87.9469, 0.3292, 0.4116



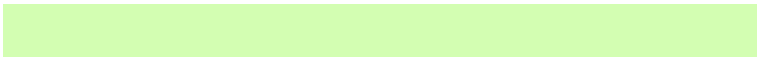
54.3676, 0.2907, 0.2484

Split Complementary

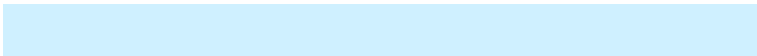
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.9469, 0.3385, 0.2813



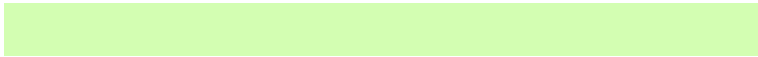
87.9469, 0.3292, 0.4116



87.9469, 0.2520, 0.2536

Square

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



87.9469, 0.3292, 0.4116



87.9469, 0.2283, 0.2954



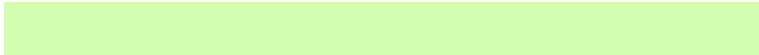
87.9469, 0.2907, 0.2598



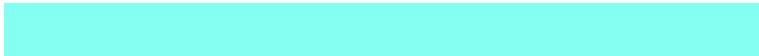
87.9469, 0.4053, 0.3513

Rectangle

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



87.9469, 0.3292, 0.4116



87.9469, 0.2572, 0.3557



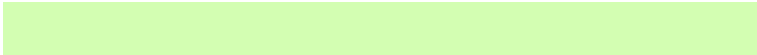
87.9469, 0.2907, 0.2598



87.9469, 0.3688, 0.3021

Sweetspot

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



87.9507, 0.3292, 0.4116



96.2288, 0.3179, 0.3518



75.3685, 0.3676, 0.3721



20.4732, 0.3187, 0.3556



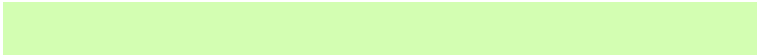
0.0000, 0.0000, 0.0000



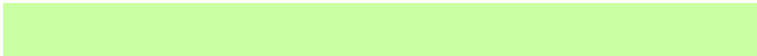
21.4041, 0.3127, 0.3290

Same Dimension

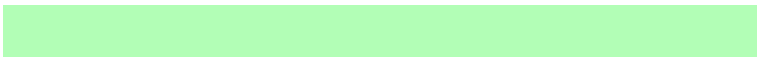
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.9507, 0.3292, 0.4116



86.8762, 0.3320, 0.4303



83.7213, 0.3066, 0.4125



20.5538, 0.3182, 0.3531



39.2114, 0.3280, 0.5778



3.8810, 0.3367, 0.5708

Inverse Universe

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



54.3676, 0.2907, 0.2484



47.9541, 0.2849, 0.2306



59.8259, 0.3191, 0.2577



17.8849, 0.3068, 0.3051



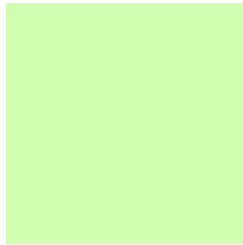
6.9741, 0.2155, 0.0961



0.7437, 0.2270, 0.1024

Previews

White Background



This preview shows how the Yxy color 87.9469, 0.3292, 0.4116 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 87.9469, 0.3292, 0.4116 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

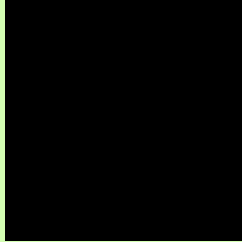
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

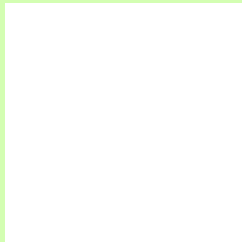
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.9469, 0.3292, 0.4116

Background



This preview shows how black text looks on a background with the Yxy color 87.9469, 0.3292, 0.4116.

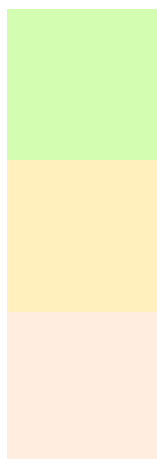


This preview shows how white text looks on a background with the Yxy color 87.9469, 0.3292, 0.4116.

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

87.9469, 0.3292, 0.4116

Protanopia

87.2979, 0.3548, 0.3791

Deuteranopia

87.2102, 0.3332, 0.3419



Tritanopia

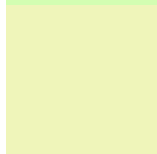
87.5473, 0.2974, 0.3159

Trichromacy



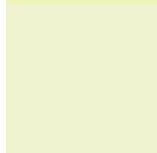
Original Color

87.9469, 0.3292, 0.4116



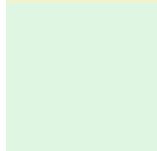
Protanomaly

87.2007, 0.3450, 0.3901



Deuteranomaly

86.9569, 0.3322, 0.3661



Tritanomaly

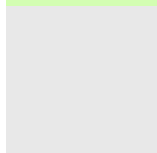
87.1456, 0.3092, 0.3488

Monochromacy



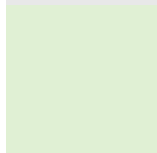
Original Color

87.9469, 0.3292, 0.4116



Achromatopsia

80.6952, 0.3127, 0.3290



Achromatomaly

82.9209, 0.3193, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.9469, 0.3292, 0.4116 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(211, 254, 178)` looks like.

```
.text, #text, p{  
    color:rgb(211, 254, 178)  
}
```

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(211, 254, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 254, 178) }
```

Border

The CSS property to change the border of an element to Yxy 87.9469, 0.3292, 0.4116 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(211, 254, 178) }
```

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

```
.border{ border-color:rgb(211, 254, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 254, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 254, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 254, 178);  
box-shadow:4px 4px 4px 4px rgb(211, 254,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 87.9469, 0.3292, 0.4116 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 254, 178) }
```

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

```
.background{ background-color: rgb(211,  
254, 178) }
```

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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