

Converting Colors

Yxy(89.0881, 0.3309, 0.4114)

Have a look what the booklet for
Yxy(89.0881, 0.3309, 0.4114)
contains.

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Color

Yxy(89.0708, 0.3304, 0.4109)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D6FFB3 |
| RGB | 214, 255, 179 |
| RGB Percent | 84%, 100%, 70% |
| CMY | 0.1610, 0.0000, 0.2979 |
| CMYK | 0.16, 0.00, 0.30, 0.00 |
| HSL | 92°, 100%, 85% |
| HSV | 92°, 30%, 100% |
| XYZ | 71.6208, 89.0708, 56.0784 |
| YIQ | 234.0770, -0.0400, -32.3280 |

Conversions

Conversions Part 2

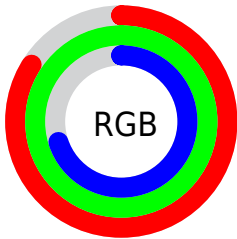
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 179, 255, 220 |
| Decimal | 14090163 |
| CIELab | 95.61, -26.09, 32.12 |
| CIElCh | 96, 41.375, 129.085 |
| Yxy | 89.0708, 0.3304, 0.4109 |
| Android (android.graphics.Color) | 4292280243 (0xFFD6FFB3) |
| YUV | 234.0770, -27.1530, -17.6075 |
| Hunter-Lab | 94.3773, -29.7007, 30.8344 |

Details

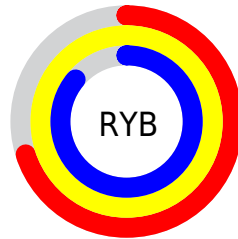
The Yxy color **89.0708, 0.3304, 0.4109** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **54.6975, 0.2893, 0.2484**, and the grayscale version is **82.5417, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **49.1636, 0.3326, 0.4296** is the 20% darker color. If you saturate the color by 10%, you get **86.1417, 0.3353, 0.4415**, and if you desaturate by 10%, it is **92.3553, 0.3248, 0.3814**.

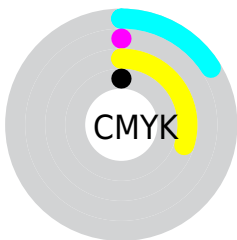
Distribution



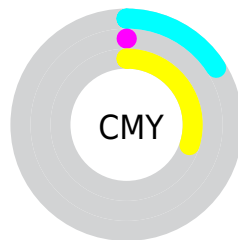
- Red (84%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (86%)



- Cyan (16%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0708, 0.3304, 0.4109 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 89.0708, 0.3304, 0.4109 by changing the saturation by 10% instead.


 89.0708, 0.3304,
0.4109

 89.0708, 0.3304,
0.4109


525.0035, 0.3235,
0.3729

 67.2102, 0.3317,
0.4195


 146.0470, 0.3283,
0.3977

 49.2555, 0.3330,
0.4301

181.9315, 0.3274,
0.3926

 34.8222, 0.3345,
0.4435


223.2593, 0.3265,
0.3882

 23.5259, 0.3360,
0.4608

270.4150, 0.3258,
0.3844

 14.9823, 0.3372,
0.4839

323.7828, 0.3251,
0.3810

 8.8070, 0.3374,
0.5160

383.7473, 0.3245,

 4.6155, 0.3341,

0.3780

0.5632

450.6927, 0.3240,
0.3753

■ 2.0235, 0.3344,
0.6656

■ 0.6211, 0.0000,
1.0000

■ 89.0708, 0.3304,
0.4109

■ 89.0708, 0.3304,
0.4109

■ 86.1417, 0.3353,
0.4415

■ 92.3553, 0.3248,
0.3814

■ 83.5692, 0.3391,
0.4722

■ 96.0251, 0.3187,
0.3538

■ 81.3319, 0.3412,
0.5016

100.0000, 0.3127,
0.3290

■ 79.4122, 0.3415,
0.5279

■ 77.7905, 0.3396,
0.5497

■ 76.4442, 0.3356,
0.5657

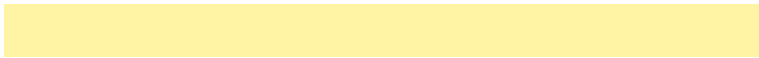
■ 75.3396, 0.3301,
0.5760

■ 75.3187, 0.3300,
0.5762

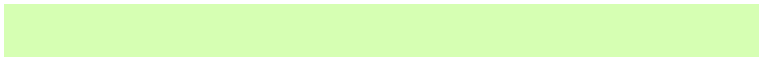
Harmonies

Analogous

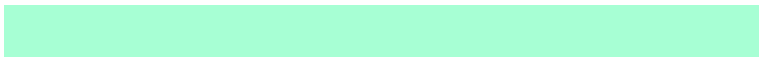
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0708, 0.3732, 0.4091



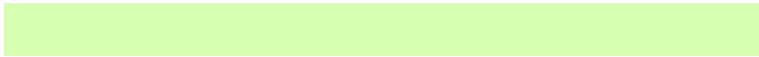
89.0708, 0.3304, 0.4109



89.0708, 0.2848, 0.3852

Triad

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



89.0708, 0.3304, 0.4109



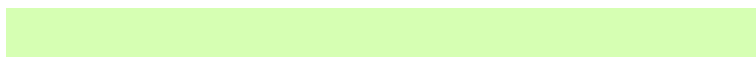
89.0708, 0.2308, 0.2666



89.0708, 0.3798, 0.3129

Complementary

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



89.0708, 0.3304, 0.4109



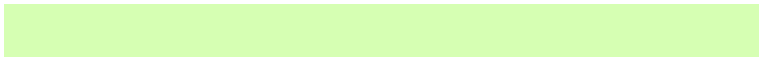
54.6975, 0.2893, 0.2484

Split Complementary

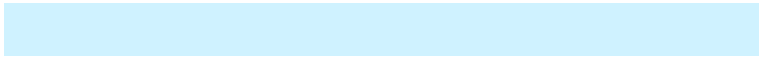
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.0708, 0.3369, 0.2811



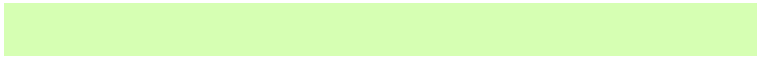
89.0708, 0.3304, 0.4109



89.0708, 0.2519, 0.2545

Square

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



89.0708, 0.3304, 0.4109



89.0708, 0.2295, 0.2970



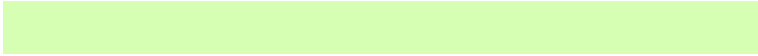
89.0708, 0.2897, 0.2602



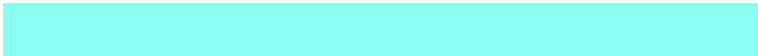
89.0708, 0.4038, 0.3500

Rectangle

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



89.0708, 0.3304, 0.4109



89.0708, 0.2589, 0.3567



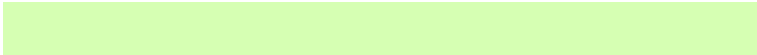
89.0708, 0.2897, 0.2602



89.0708, 0.3670, 0.3014

Sweetspot

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



89.0655, 0.3304, 0.4109



96.3329, 0.3182, 0.3517



75.4641, 0.3676, 0.3706



20.4988, 0.3191, 0.3556



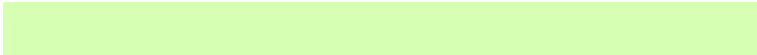
0.0000, 0.0000, 0.0000



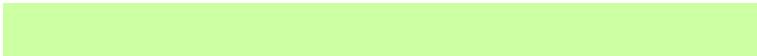
21.4041, 0.3127, 0.3290

Same Dimension

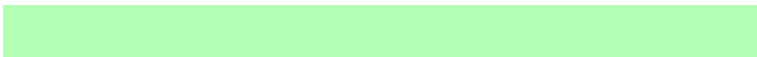
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0655, 0.3304, 0.4109



87.2086, 0.3336, 0.4298



84.4661, 0.3073, 0.4136



20.5773, 0.3186, 0.3531



39.4421, 0.3311, 0.5753



3.9044, 0.3399, 0.5683

Inverse Universe

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



54.6975, 0.2893, 0.2484



47.6007, 0.2831, 0.2301



60.5690, 0.3181, 0.2569



17.8611, 0.3064, 0.3050



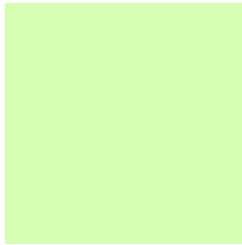
6.6750, 0.2102, 0.0931



0.7149, 0.2220, 0.0996

Previews

White Background



This preview shows how the Yxy color 89.0708, 0.3304, 0.4109 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 89.0708, 0.3304, 0.4109 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

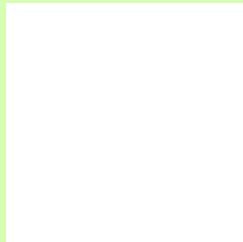
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.0708, 0.3304, 0.4109

Background



This preview shows how black text looks on a background with the Yxy color 89.0708, 0.3304, 0.4109.

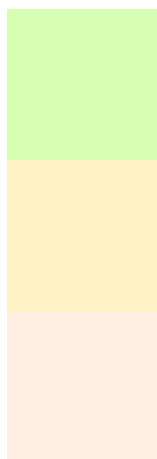


This preview shows how white text looks on a background with the Yxy color 89.0708, 0.3304, 0.4109.

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

89.0708, 0.3304, 0.4109

Protanopia

88.7955, 0.3498, 0.3740

Deuteranopia

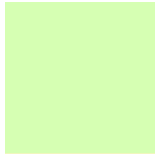
88.5391, 0.3310, 0.3409



Tritanopia

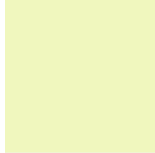
88.6448, 0.2993, 0.3170

Trichromacy



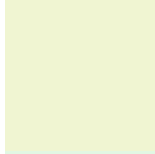
Original Color

89.0708, 0.3304, 0.4109



Protanomaly

88.7645, 0.3428, 0.3877



Deuteranomaly

88.4832, 0.3308, 0.3648



Tritanomaly

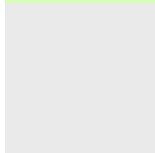
88.2363, 0.3111, 0.3497

Monochromacy



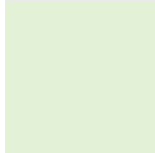
Original Color

89.0708, 0.3304, 0.4109



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.6902, 0.3199, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0708, 0.3304, 0.4109 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(214, 255, 179)` looks like.

```
.text, #text, p{  
    color:rgb(214, 255, 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(214, 255, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 255, 179) }
```

Border

The CSS property to change the border of an element to Yxy 89.0708, 0.3304, 0.4109 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(214, 255, 179) }
```

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

```
.border{ border-color:rgb(214, 255, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 255, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(214, 255,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0708, 0.3304, 0.4109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 255, 179) }
```

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

```
.background{ background-color: rgb(214,  
255, 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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