

Converting Colors

$Yxy(88.8369, 0.3205, 0.3984)$

Have a look what the booklet for
Yxy(88.8369, 0.3205, 0.3984)
contains.

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Color

Yxy(88.8369, 0.3205, 0.3984)

Conversions

Conversions Part 1

Format	Color
Hex	D1FFBF
RGB	209, 255, 191
RGB Percent	82%, 100%, 75%
CMY	0.1803, 0.0000, 0.2509
CMYK	0.18, 0.00, 0.25, 0.00
HSL	103°, 100%, 87%
HSV	103°, 25%, 100%
XYZ	71.4664, 88.8369, 62.6809
YIQ	233.9500, -6.8720, -29.6560

Conversions

Conversions Part 2

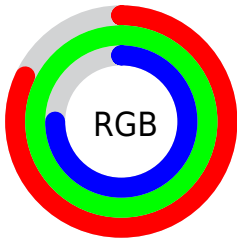
Format	Color
RYB	191, 255, 237
Decimal	13762495
CIELab	95.51, -25.99, 25.89
CIELCh	96, 36.684, 135.115
Yxy	88.8369, 0.3205, 0.3984
Android (android.graphics.Color)	4291952575 (0xFFD1FFBF)
YUV	233.9500, -21.1743, -21.8811
Hunter-Lab	94.2533, -29.5979, 26.5480

Details

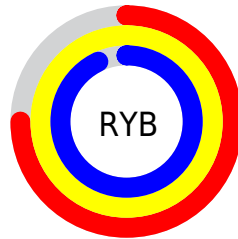
The Yxy color **88.8369, 0.3205, 0.3984** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **62.4921, 0.3021, 0.2637**, and the grayscale version is **82.4141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **49.0643, 0.3217, 0.4150** is the 20% darker color. If you saturate the color by 10%, you get **85.2928, 0.3229, 0.4303**, and if you desaturate by 10%, it is **92.8914, 0.3176, 0.3687**.

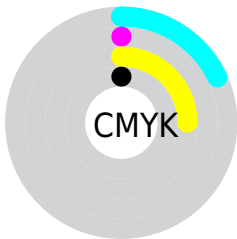
Distribution



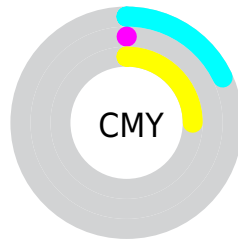
- Red (82%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (93%)



- Cyan (18%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (18%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.8369, 0.3205, 0.3984 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 88.8369, 0.3205, 0.3984 by changing the saturation by 10% instead.

 88.8369, 0.3205,
0.3984

 88.8369, 0.3205,
0.3984

524.2400, 0.3177,
0.3662

 67.0164, 0.3209,
0.4057

 145.7217, 0.3197,
0.3872

 49.0979, 0.3214,
0.4148


181.5548, 0.3193,
0.3829

 34.6972, 0.3217,
0.4263

222.8276, 0.3190,
0.3791

 23.4297, 0.3219,
0.4412

269.9244, 0.3187,
0.3759

 14.9111, 0.3217,
0.4613

323.2297, 0.3184,
0.3730

 8.7570, 0.3205,
0.4898

383.1278, 0.3182,

 4.5830, 0.3163,

0.3705

0.5328

450.0031, 0.3180,
0.3682

2.0048, 0.3280,
0.6525

0.6102, 0.0000,
1.0000

88.8369, 0.3205,
0.3984

88.8369, 0.3205,
0.3984

85.2928, 0.3229,
0.4303

92.8914, 0.3176,
0.3687

82.2273, 0.3245,
0.4633


97.4641, 0.3144,
0.3417


79.6220, 0.3251,
0.4961


99.9983, 0.3127,
0.3290

77.4532, 0.3243,
0.5268

 75.6947, 0.3220,
0.5532

 74.3171, 0.3184,
0.5735

 73.2861, 0.3138,
0.5866

 72.8880, 0.3114,
0.5909

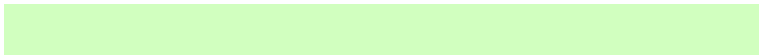
Harmonies

Analogous

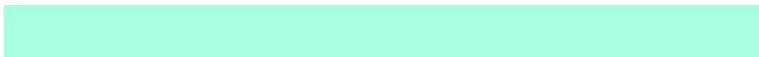
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8369, 0.3600, 0.4023



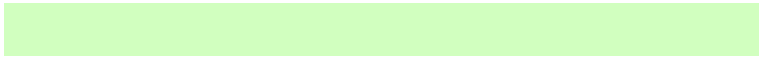
88.8369, 0.3205, 0.3984



88.8369, 0.2806, 0.3715

Triad

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



88.8369, 0.3205, 0.3984



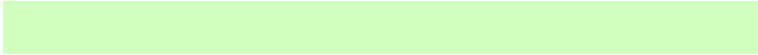
88.8369, 0.2418, 0.2699



88.8369, 0.3782, 0.3215

Complementary

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



88.8369, 0.3205, 0.3984



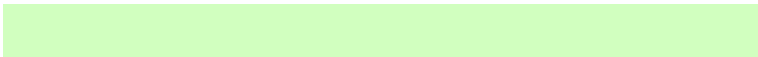
62.4921, 0.3021, 0.2637

Split Complementary

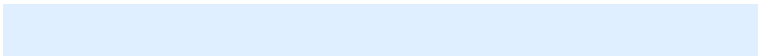
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.8369, 0.3427, 0.2912



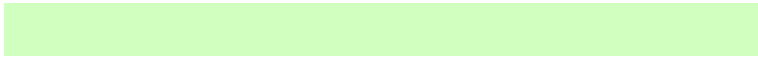
88.8369, 0.3205, 0.3984



88.8369, 0.2642, 0.2620

Square

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



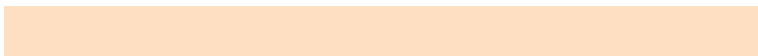
88.8369, 0.3205, 0.3984



88.8369, 0.2369, 0.2943



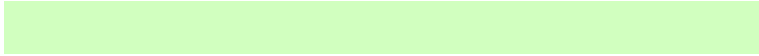
88.8369, 0.3006, 0.2700



88.8369, 0.3950, 0.3550

Rectangle

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



88.8369, 0.3205, 0.3984



88.8369, 0.2590, 0.3454



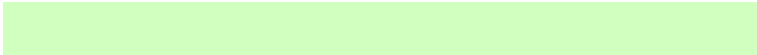
88.8369, 0.3006, 0.2700



88.8369, 0.3679, 0.3107

Sweetspot

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



88.8407, 0.3205, 0.3984



96.0805, 0.3153, 0.3493



85.5153, 0.3549, 0.3751



20.4156, 0.3158, 0.3533



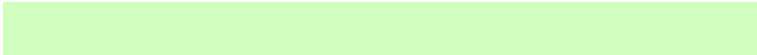
0.0000, 0.0000, 0.0000



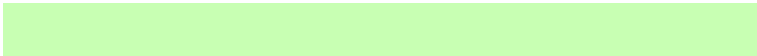
21.4041, 0.3127, 0.3290

Same Dimension

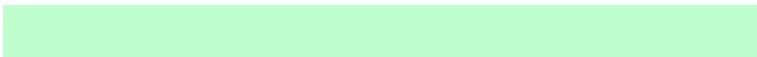
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8407, 0.3205, 0.3984



87.0390, 0.3218, 0.4138



86.9993, 0.3018, 0.3847



20.4156, 0.3158, 0.3533



38.1507, 0.3124, 0.5901



3.7668, 0.3205, 0.5838

Inverse Universe

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



62.4921, 0.3021, 0.2637



56.6618, 0.2995, 0.2502



64.8887, 0.3259, 0.2791



18.0283, 0.3093, 0.3053



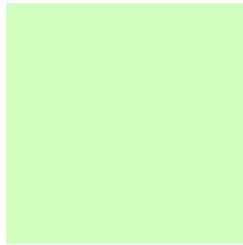
9.1254, 0.2505, 0.1154



0.9436, 0.2588, 0.1199

Previews

White Background



This preview shows how the Yxy color 88.8369, 0.3205, 0.3984 looks on a white background.

Color Contrast Check

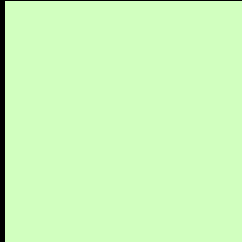
Large Text (above 18pt) WCAG AA × Fail

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 88.8369, 0.3205, 0.3984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

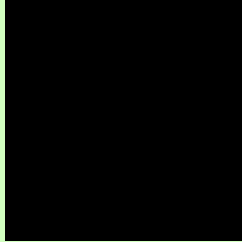
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

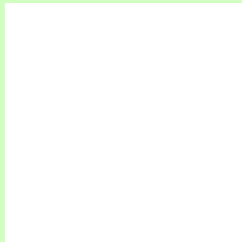
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8369, 0.3205, 0.3984

Background



This preview shows how black text looks on a background with the Yxy color 88.8369, 0.3205, 0.3984.

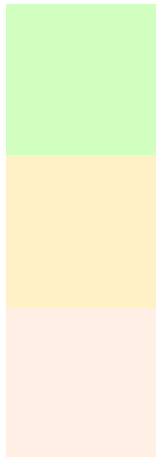


This preview shows how white text looks on a background with the Yxy color 88.8369, 0.3205, 0.3984.

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

88.8369, 0.3205, 0.3984

Protanopia

88.2018, 0.3501, 0.3730

Deuteranopia

88.5944, 0.3303, 0.3399



Tritanopia

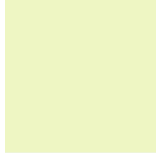
88.7444, 0.2975, 0.3179

Trichromacy



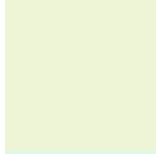
Original Color

88.8369, 0.3205, 0.3984



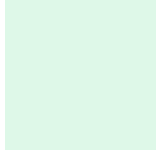
Protanomaly

88.0288, 0.3385, 0.3817



Deuteranomaly

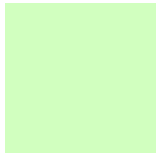
88.3883, 0.3263, 0.3598



Tritanomaly

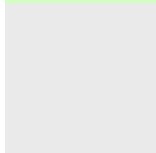
88.4906, 0.3056, 0.3456

Monochromacy



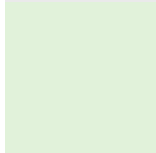
Original Color

88.8369, 0.3205, 0.3984



Achromatopsia

82.2786, 0.3127, 0.3290



Achromatomaly

84.5738, 0.3161, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8369, 0.3205, 0.3984 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, 191)` looks like.

```
.text, #text, p{  
    color:rgb(209, 255, 191)  
}
```

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, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 255, 191) }
```

Border

The CSS property to change the border of an element to Yxy 88.8369, 0.3205, 0.3984 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, 191) }
```

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

```
.border{ border-color:rgb(209, 255, 191) }
```

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, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(209, 255,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8369, 0.3205, 0.3984 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, 191) }
```

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

```
.background{ background-color: rgb(209,  
255, 191) }
```

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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