

Converting Colors

$Yxy(88.2202, 0.3104, 0.3620)$

Have a look what the booklet for
Yxy(88.2202, 0.3104, 0.3620)
contains.

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Color

Yxy(88.2374, 0.3099, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	D9FADB
RGB	217, 250, 219
RGB Percent	85%, 98%, 86%
CMY	0.1491, 0.0196, 0.1412
CMYK	0.13, 0.00, 0.12, 0.02
HSL	124°, 77%, 92%
HSV	124°, 13%, 98%
XYZ	75.5798, 88.2374, 80.0673
YIQ	236.5990, -9.7170, -16.6370

Conversions

Conversions Part 2

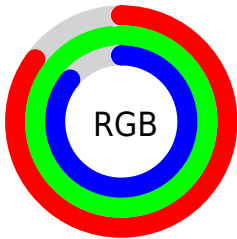
Format	Color
R_{YB}	217, 248, 250
Decimal	14285531
CIE _{Lab}	95.26, -16.35, 11.31
CIE _{LCh}	95, 19.877, 145.327
Yxy	88.2374, 0.3099, 0.3618
Android (android.graphics.Color)	4292475611 (0xFFD9FADB)
YUV	236.5990, -8.6763, -17.1883
Hunter-Lab	93.9348, -20.7650, 15.2173

Details

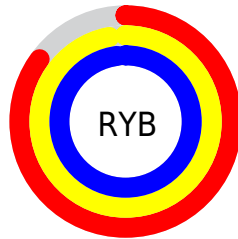
The Yxy color **88.2374, 0.3099, 0.3618** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **76.7114, 0.3156, 0.2983**, and the grayscale version is **84.4356, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.5016, 0.3093, 0.3688** is the 20% darker color. If you saturate the color by 10%, you get **83.5465, 0.3076, 0.3904**, and if you desaturate by 10%, it is **93.6902, 0.3121, 0.3365**.

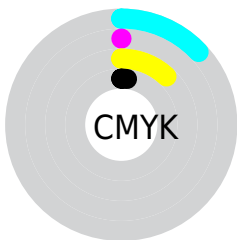
Distribution



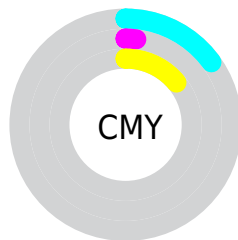
- Red (85%)
- Green (98%)
- Blue (86%)



- Red (85%)
- Yellow (97%)
- Blue (98%)



- Cyan (13%)
- Magenta (0%)
- Yellow (12%)
- Black (2%)




- Cyan (15%)
- Magenta (2%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.2374, 0.3099, 0.3618 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 88.2374, 0.3099, 0.3618 by changing the saturation by 10% instead.

 88.2374, 0.3099,
0.3618

 88.2374, 0.3099,
0.3618


522.2804, 0.3113,
0.3468

 66.5197, 0.3095,
0.3652


144.8876, 0.3104,
0.3566

 48.6944, 0.3091,
0.3694

180.5889, 0.3106,
0.3546

 34.3771, 0.3085,
0.3746


221.7202, 0.3108,
0.3529

 23.1835, 0.3077,
0.3814

268.6659, 0.3109,
0.3513

 14.7290, 0.3065,
0.3906

321.8104, 0.3110,
0.3500

 8.6294, 0.3047,
0.4037

381.5380, 0.3112,

 4.5003, 0.3016,

0.3488

0.4238

448.2332, 0.3112,
0.3477

■ 1.9572, 0.2955,
0.4583

■ 0.5824, 0.2097,
0.7903

■ 88.2374, 0.3099,
0.3618

■ 88.2374, 0.3099,
0.3618

■ 83.5465, 0.3076,
0.3904

■ 93.6902, 0.3121,
0.3365

■ 79.5731, 0.3054,
0.4220

■ 96.8597, 0.3129,
0.3243

■ 76.2851, 0.3032,
0.4559

■ 73.6438, 0.3012,
0.4904

■ 71.6064, 0.2997,
0.5237

■ 70.1251, 0.2988,
0.5530

■ 69.1448, 0.2985,
0.5761

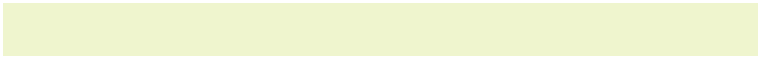
■ 68.5991, 0.2989,
0.5914

■ 68.4154, 0.2992,
0.5972

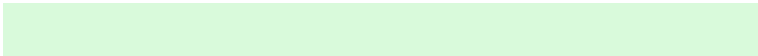
Harmonies

Analogous

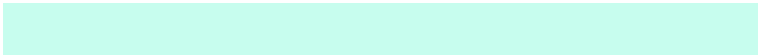
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.2374, 0.3322, 0.3688



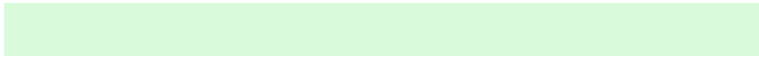
88.2374, 0.3099, 0.3618



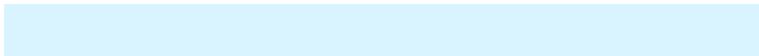
88.2374, 0.2889, 0.3450

Triad

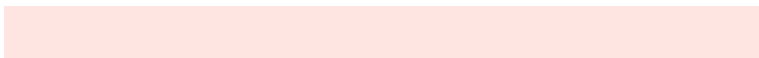
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2374, 0.3099, 0.3618



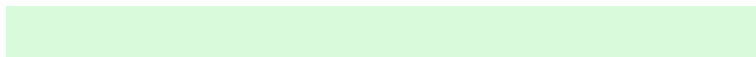
88.2374, 0.2765, 0.2939



88.2374, 0.3524, 0.3320

Complementary

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



88.2374, 0.3099, 0.3618



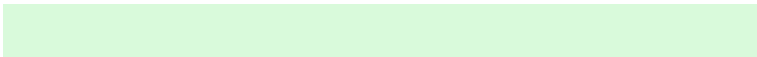
76.7114, 0.3156, 0.2983

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.



88.2374, 0.3364, 0.3135



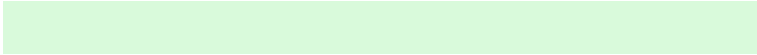
88.2374, 0.3099, 0.3618



88.2374, 0.2924, 0.2919

Square

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



88.2374, 0.3099, 0.3618



88.2374, 0.2701, 0.3052



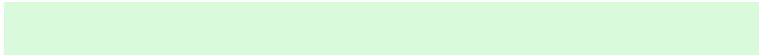
88.2374, 0.3143, 0.2990



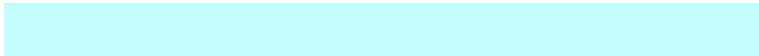
88.2374, 0.3573, 0.3505

Rectangle

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



88.2374, 0.3099, 0.3618



88.2374, 0.2783, 0.3309



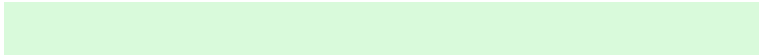
88.2374, 0.3143, 0.2990



88.2374, 0.3481, 0.3256

Sweetspot

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



88.2412, 0.3099, 0.3618



97.5153, 0.3119, 0.3383



93.4104, 0.3315, 0.3619



20.7754, 0.3117, 0.3401



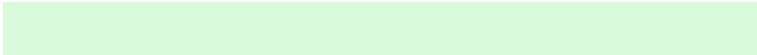
0.0000, 0.0000, 0.0000



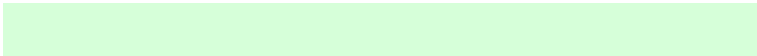
21.4041, 0.3127, 0.3290

Same Dimension

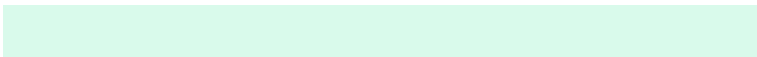
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2412, 0.3099, 0.3618



90.8411, 0.3093, 0.3695



89.1329, 0.3007, 0.3445



19.3266, 0.3107, 0.3520



36.2919, 0.2989, 0.5962



3.3671, 0.2964, 0.5870

Inverse Universe

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



76.7114, 0.3156, 0.2983



76.5136, 0.3163, 0.2916



75.7525, 0.3266, 0.3140



17.5050, 0.3148, 0.3070



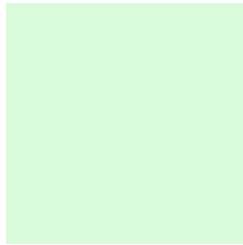
13.9577, 0.3370, 0.1630



1.2982, 0.3349, 0.1619

Previews

White Background



This preview shows how the Yxy color 88.2374, 0.3099, 0.3618 looks on a white background.

Color Contrast Check

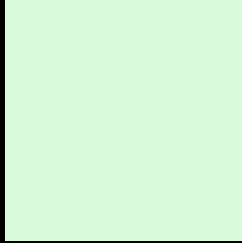
Large Text (above 18pt) WCAG AA × Fail

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 88.2374, 0.3099, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

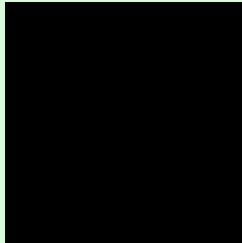
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

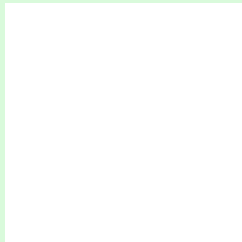
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.2374, 0.3099, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 88.2374, 0.3099, 0.3618.

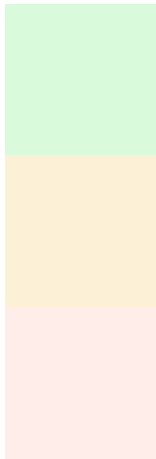


This preview shows how white text looks on a background with the Yxy color 88.2374, 0.3099, 0.3618.

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

88.2374, 0.3099, 0.3618

Protanopia

87.8707, 0.3371, 0.3550

Deuteranopia

87.7116, 0.3274, 0.3330



Tritanopia

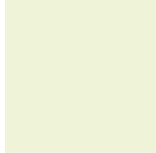
88.3101, 0.2981, 0.3169

Trichromacy



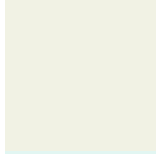
Original Color

88.2374, 0.3099, 0.3618



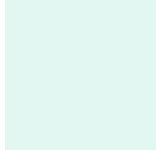
Protanomaly

88.0100, 0.3265, 0.3577



Deuteranomaly

87.8065, 0.3206, 0.3432



Tritanomaly

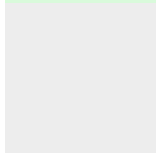
88.4911, 0.3024, 0.3331

Monochromacy



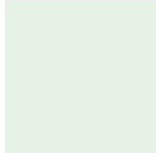
Original Color

88.2374, 0.3099, 0.3618



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.0404, 0.3121, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.2374, 0.3099, 0.3618 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(217, 250, 219)` looks like.

```
.text, #text, p{  
    color:rgb(217, 250, 219)  
}
```

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(217, 250, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 250, 219) }
```

Border

The CSS property to change the border of an element to Yxy 88.2374, 0.3099, 0.3618 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(217, 250, 219) }
```

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

```
.border{ border-color:rgb(217, 250, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 250, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 250, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 250, 219);  
box-shadow:4px 4px 4px 4px rgb(217, 250,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 88.2374, 0.3099, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 250, 219) }
```

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

```
.background{ background-color: rgb(217,  
250, 219) }
```

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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