

Converting Colors

$Yxy(88.5221, 0.3184, 0.3688)$

Have a look what the booklet for
Yxy(88.5221, 0.3184, 0.3688)
contains.

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Color

Yxy(88.1928, 0.3179, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	DFF9D4
RGB	223, 249, 212
RGB Percent	87%, 98%, 83%
CMY	0.1255, 0.0235, 0.1687
CMYK	0.10, 0.00, 0.15, 0.02
HSL	102°, 76%, 90%
HSV	102°, 15%, 98%
XYZ	76.1861, 88.1928, 75.2754
YIQ	237.0080, -3.6190, -17.0190

Conversions

Conversions Part 2

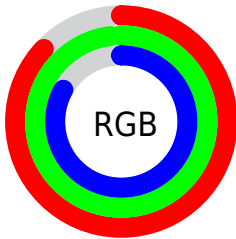
Format	Color
RYB	212, 249, 238
Decimal	14678484
CIELab	95.24, -15.03, 14.95
CIELCh	95, 21.200, 135.152
Yxy	88.1928, 0.3179, 0.3680
Android (android.graphics.Color)	4292868564 (0xFFDFF9D4)
YUV	237.0080, -12.3289, -12.2850
Hunter-Lab	93.9110, -19.5346, 18.2132

Details

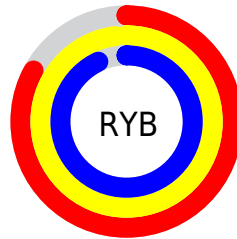
The Yxy color **88.1928, 0.3179, 0.3680** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.0887, 0.3066, 0.2912**, and the grayscale version is **84.7934, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **48.8991, 0.3193, 0.3780** is the 20% darker color. If you saturate the color by 10%, you get **84.3992, 0.3211, 0.3975**, and if you desaturate by 10%, it is **92.4748, 0.3144, 0.3411**.

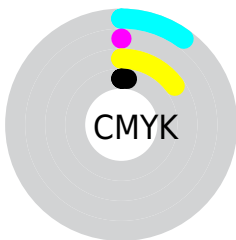
Distribution



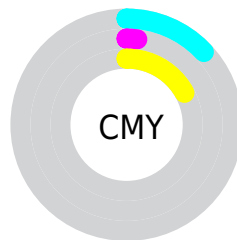
- Red (87%)
- Green (98%)
- Blue (83%)



- Red (83%)
- Yellow (98%)
- Blue (93%)



- Cyan (10%)
- Magenta (0%)
- Yellow (15%)
- Black (2%)





- Cyan (13%)
- Magenta (2%)
- Yellow (17%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 88.1928, 0.3179, 0.3680 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 88.1928, 0.3179, 0.3680 by changing the saturation by 10% instead.

 88.1928, 0.3179,
0.3680

 88.1928, 0.3179,
0.3680


522.1344, 0.3158,
0.3501

 66.4828, 0.3183,
0.3720


144.8255, 0.3172,
0.3618

 48.6644, 0.3188,
0.3770


180.5170, 0.3169,
0.3594

 34.3533, 0.3193,
0.3832

221.6378, 0.3167,
0.3574

 23.1652, 0.3200,
0.3913

268.5722, 0.3165,
0.3555

 14.7155, 0.3207,
0.4023

321.7047, 0.3163,
0.3540

 8.6200, 0.3214,
0.4178

381.4196, 0.3161,

 4.4941, 0.3219,

0.3525

0.4414

448.1014, 0.3159,
0.3513

■ 1.9536, 0.3217,
0.4827

■ 0.5803, 0.2414,
0.7586

■ 88.1928, 0.3179,
0.3680

■ 88.1928, 0.3179,
0.3680

■ 84.3992, 0.3211,
0.3975

■ 92.4748, 0.3144,
0.3411

■ 81.0650, 0.3237,
0.4291

■ 96.2375, 0.3130,
0.3233

■ 78.1755, 0.3256,
0.4619

■ 75.7107, 0.3264,
0.4945

■ 73.6489, 0.3258,
0.5251

■ 71.9664, 0.3237,
0.5514

■ 70.6364, 0.3201,
0.5718

■ 69.6279, 0.3154,
0.5852

■ 69.2172, 0.3128,
0.5898

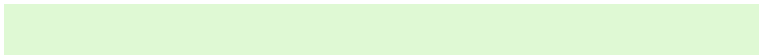
Harmonies

Analogous

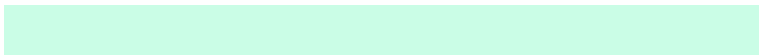
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.1928, 0.3407, 0.3712



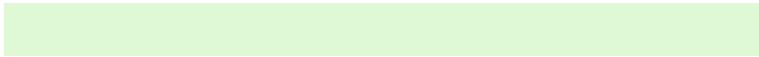
88.1928, 0.3179, 0.3680



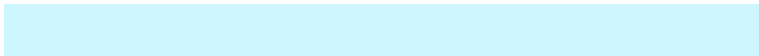
88.1928, 0.2943, 0.3530

Triad

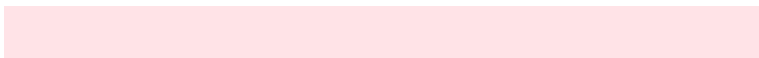
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.1928, 0.3179, 0.3680



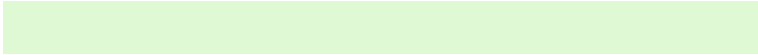
88.1928, 0.2706, 0.2946



88.1928, 0.3504, 0.3252

Complementary

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



88.1928, 0.3179, 0.3680



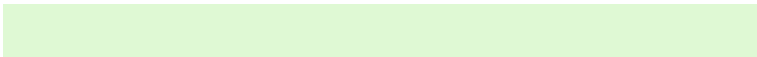
72.0887, 0.3066, 0.2912

Split Complementary

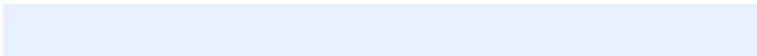
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.1928, 0.3304, 0.3066



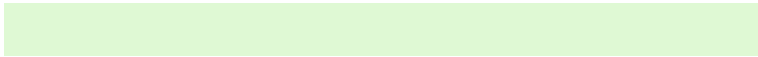
88.1928, 0.3179, 0.3680



88.1928, 0.2844, 0.2890

Square

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



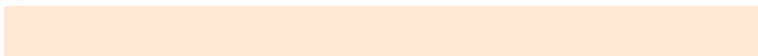
88.1928, 0.3179, 0.3680



88.1928, 0.2676, 0.3096



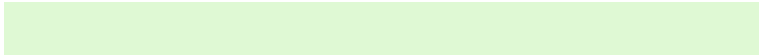
88.1928, 0.3061, 0.2936



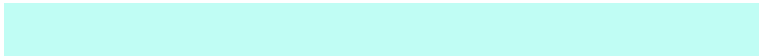
88.1928, 0.3600, 0.3455

Rectangle

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



88.1928, 0.3179, 0.3680



88.1928, 0.2813, 0.3388



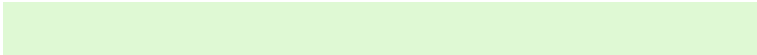
88.1928, 0.3061, 0.2936



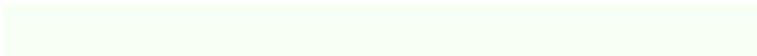
88.1928, 0.3447, 0.3186

Sweetspot

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



88.1966, 0.3179, 0.3680



98.0267, 0.3141, 0.3389



85.9838, 0.3367, 0.3552



20.9043, 0.3144, 0.3408



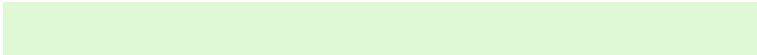
0.0000, 0.0000, 0.0000



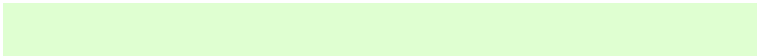
21.4041, 0.3127, 0.3290

Same Dimension

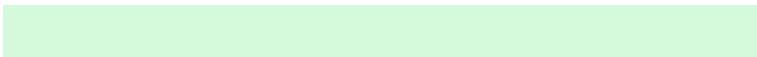
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.1966, 0.3179, 0.3680



91.7780, 0.3189, 0.3770



86.8850, 0.3066, 0.3607



19.5595, 0.3161, 0.3532



37.1114, 0.3138, 0.5890



3.4895, 0.3225, 0.5822

Inverse Universe

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



72.0887, 0.3066, 0.2912



71.6310, 0.3051, 0.2828



73.6018, 0.3195, 0.2993



17.2501, 0.3090, 0.3053



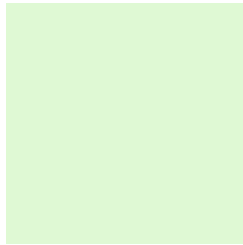
8.6110, 0.2467, 0.1133



0.8524, 0.2558, 0.1183

Previews

White Background



This preview shows how the Yxy color 88.1928, 0.3179, 0.3680 looks on a white background.

Color Contrast Check

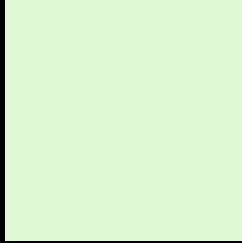
Large Text (above 18pt) WCAG AA × Fail

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 88.1928, 0.3179, 0.3680 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

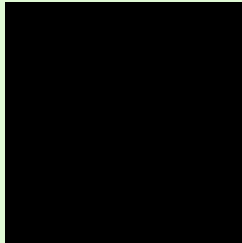
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

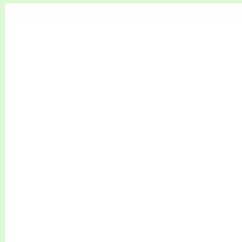
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.1928, 0.3179, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 88.1928, 0.3179, 0.3680.

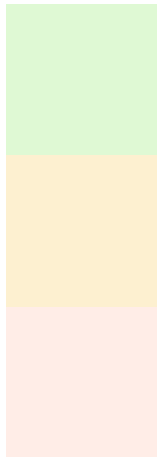


This preview shows how white text looks on a background with the Yxy color 88.1928, 0.3179, 0.3680.

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

88.1928, 0.3179, 0.3680

Protanopia

87.7569, 0.3417, 0.3611

Deuteranopia

87.5979, 0.3286, 0.3349



Tritanopia

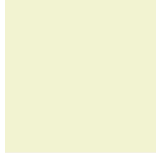
88.2167, 0.2999, 0.3160

Trichromacy



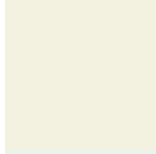
Original Color

88.1928, 0.3179, 0.3680



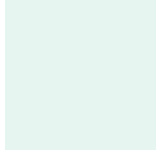
Protanomaly

87.5819, 0.3330, 0.3638



Deuteranomaly

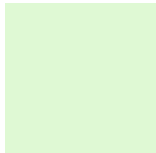
87.3471, 0.3245, 0.3462



Tritanomaly

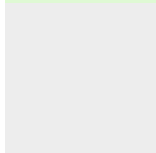
88.3598, 0.3067, 0.3351

Monochromacy



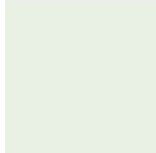
Original Color

88.1928, 0.3179, 0.3680



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

85.6678, 0.3147, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.1928, 0.3179, 0.3680 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(223, 249, 212)` looks like.

```
.text, #text, p{  
    color:rgb(223, 249, 212)  
}
```

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(223, 249, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 249, 212) }
```

Border

The CSS property to change the border of an element to Yxy 88.1928, 0.3179, 0.3680 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(223, 249, 212) }
```

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

```
.border{ border-color:rgb(223, 249, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 249, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 249, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 249, 212);  
box-shadow:4px 4px 4px 4px rgb(223, 249,  
212) }
```


Background

The CSS property to change the background color of an element to Yxy 88.1928, 0.3179, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 249, 212) }
```

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

```
.background{ background-color: rgb(223,  
249, 212) }
```

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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