

Converting Colors

$Yxy(88.8245, 0.3107, 0.3547)$

Have a look what the booklet for
Yxy(88.8245, 0.3107, 0.3547)
contains.

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Color

Yxy(88.8212, 0.3109, 0.3551)

Conversions

Conversions Part 1

Format	Color
Hex	DFF9E0
RGB	223, 249, 224
RGB Percent	87%, 98%, 88%
CMY	0.1254, 0.0235, 0.1217
CMYK	0.10, 0.00, 0.10, 0.02
HSL	122°, 68%, 93%
HSV	122°, 10%, 98%
XYZ	77.7654, 88.8212, 83.5435
YIQ	238.3760, -7.4710, -13.2870

Conversions

Conversions Part 2

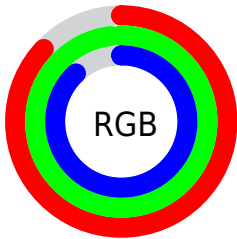
Format	Color
R _Y B	223, 248, 249
Decimal	14678496
CIE Lab	95.51, -12.98, 9.15
CIE LCh	96, 15.883, 144.805
Yxy	88.8212, 0.3109, 0.3551
Android (android.graphics.Color)	4292868576 (0xFFDFF9E0)
YUV	238.3760, -7.0874, -13.4848
Hunter-Lab	94.2450, -17.6410, 13.4139

Details

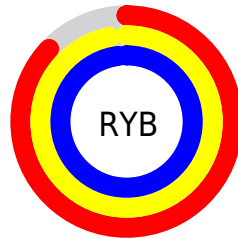
The Yxy color **88.8212, 0.3109, 0.3551** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **79.7143, 0.3145, 0.3042**, and the grayscale version is **85.8717, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.3293, 0.3104, 0.3613** is the 20% darker color. If you saturate the color by 10%, you get **83.9440, 0.3090, 0.3836**, and if you desaturate by 10%, it is **94.4714, 0.3126, 0.3300**.

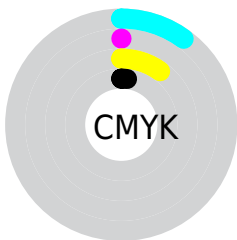
Distribution



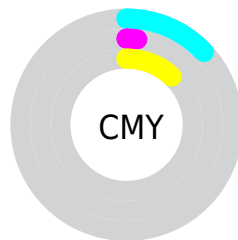
- Red (87%)
- Green (98%)
- Blue (88%)



- Red (87%)
- Yellow (97%)
- Blue (98%)



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 88.8212, 0.3109, 0.3551 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 88.8212, 0.3109, 0.3551 by changing the saturation by 10% instead.


 88.8212, 0.3109,
0.3551

 88.8212, 0.3109,
0.3551


524.1888, 0.3118,
0.3432

 67.0034, 0.3107,
0.3578


145.6999, 0.3112,
0.3510

 49.0874, 0.3104,
0.3610


181.5296, 0.3114,
0.3494

 34.6888, 0.3100,
0.3652


222.7986, 0.3115,
0.3480

 23.4232, 0.3095,
0.3705

269.8915, 0.3116,
0.3468

 14.9063, 0.3087,
0.3776

323.1925, 0.3116,
0.3458

 8.7537, 0.3076,
0.3878

383.0862, 0.3117,

 4.5809, 0.3057,

0.3448

0.4032

449.9568, 0.3118,
0.3440

■ 2.0035, 0.3019,
0.4294

■ 0.6095, 0.2931,
0.6805

■ 88.8212, 0.3109,
0.3551

■ 88.8212, 0.3109,
0.3551

■ 83.9440, 0.3090,
0.3836

■ 94.4714, 0.3126,
0.3300

■ 79.7956, 0.3070,
0.4153

■ 96.2316, 0.3130,
0.3233

■ 76.3443, 0.3050,
0.4495

■ 73.5520, 0.3032,
0.4847

■ 71.3766, 0.3015,
0.5190

■ 69.7714, 0.3003,
0.5497

■ 68.6830, 0.2996,
0.5741

■ 68.0477, 0.2995,
0.5905

■ 67.7712, 0.2996,
0.5984

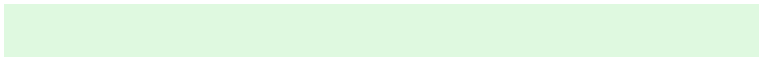
Harmonies

Analogous

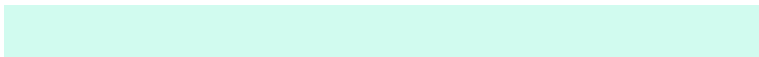
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8212, 0.3287, 0.3606



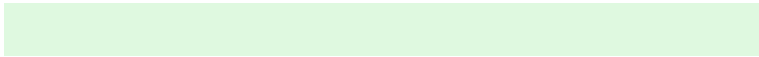
88.8212, 0.3109, 0.3551



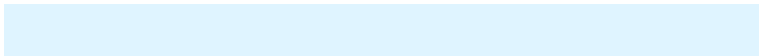
88.8212, 0.2940, 0.3420

Triad

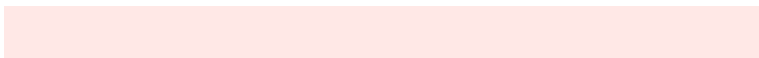
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8212, 0.3109, 0.3551



88.8212, 0.2835, 0.3010



88.8212, 0.3441, 0.3313

Complementary

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



88.8212, 0.3109, 0.3551



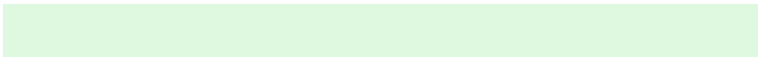
79.7143, 0.3145, 0.3042

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.



88.8212, 0.3314, 0.3164



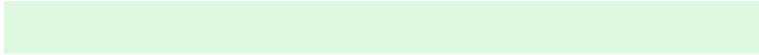
88.8212, 0.3109, 0.3551



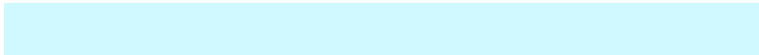
88.8212, 0.2963, 0.2991

Square

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



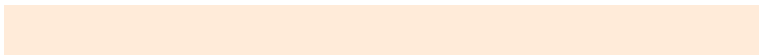
88.8212, 0.3109, 0.3551



88.8212, 0.2785, 0.3104



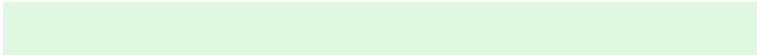
88.8212, 0.3138, 0.3047



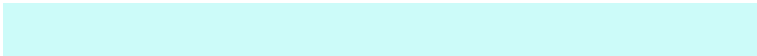
88.8212, 0.3482, 0.3462

Rectangle

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



88.8212, 0.3109, 0.3551



88.8212, 0.2854, 0.3310



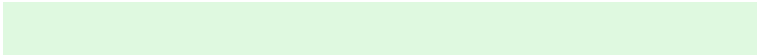
88.8212, 0.3138, 0.3047



88.8212, 0.3407, 0.3262

Sweetspot

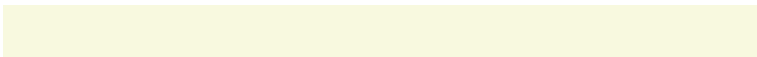
The Sweet Spot groups the original color and five complimentary colors.



88.8250, 0.3109, 0.3551



98.1120, 0.3122, 0.3361



93.0622, 0.3277, 0.3548



20.8947, 0.3121, 0.3381



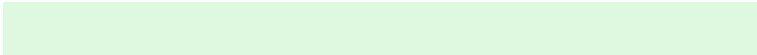
0.0000, 0.0000, 0.0000



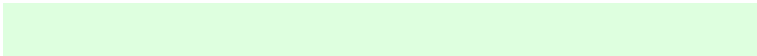
21.4041, 0.3127, 0.3290

Same Dimension

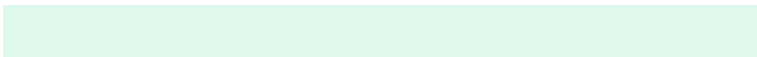
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8250, 0.3109, 0.3551



92.3561, 0.3104, 0.3622



89.5524, 0.3035, 0.3415



19.3194, 0.3111, 0.3526



36.2812, 0.2994, 0.5978



3.3637, 0.2979, 0.5923

Inverse Universe

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



79.7143, 0.3145, 0.3042



80.5662, 0.3150, 0.2979



78.9399, 0.3231, 0.3169



17.5131, 0.3144, 0.3065



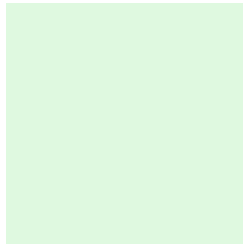
14.1537, 0.3301, 0.1592



1.3142, 0.3290, 0.1586

Previews

White Background



This preview shows how the Yxy color 88.8212, 0.3109, 0.3551 looks on a white background.

Color Contrast Check

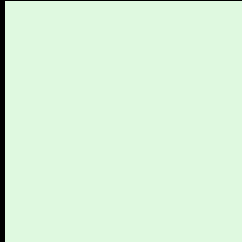
Large Text (above 18pt) WCAG AA × Fail

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 88.8212, 0.3109, 0.3551 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

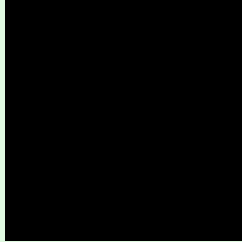
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

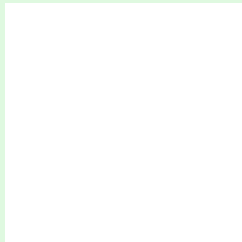
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 88.8212, 0.3109, 0.3551

Background



This preview shows how black text looks on a background with the Yxy color 88.8212, 0.3109, 0.3551.

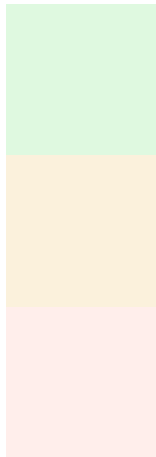


This preview shows how white text looks on a background with the Yxy color 88.8212, 0.3109, 0.3551.

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

88.8212, 0.3109, 0.3551

Protanopia

88.5871, 0.3325, 0.3500

Deuteranopia

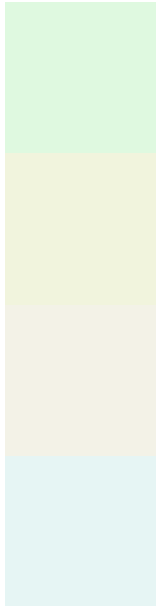
88.4072, 0.3260, 0.3320



Tritanopia

88.8136, 0.2999, 0.3170

Trichromacy



Original Color

88.8212, 0.3109, 0.3551

Protanomaly

88.6226, 0.3248, 0.3524

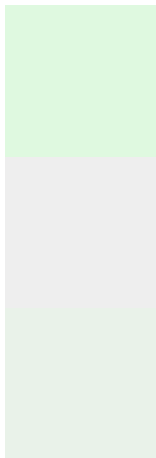
Deuteranomaly

88.3285, 0.3201, 0.3401

Tritanomaly

88.6595, 0.3038, 0.3300

Monochromacy



Original Color

88.8212, 0.3109, 0.3551

Achromatopsia

85.4993, 0.3127, 0.3290

Achromatomaly

86.7111, 0.3123, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 88.8212, 0.3109, 0.3551 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, 224)` looks like.

```
.text, #text, p{  
    color:rgb(223, 249, 224)  
}
```

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, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 249, 224) }
```

Border

The CSS property to change the border of an element to Yxy 88.8212, 0.3109, 0.3551 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, 224) }
```

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

```
.border{ border-color:rgb(223, 249, 224) }
```

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, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 249, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 249, 224);  
box-shadow:4px 4px 4px 4px rgb(223, 249,  
224) }
```


Background

The CSS property to change the background color of an element to Yxy 88.8212, 0.3109, 0.3551 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, 224) }
```

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

```
.background{ background-color: rgb(223,  
249, 224) }
```

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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