

Converting Colors

Yxy(130.6443, 0.3068, 0.4307)

Have a look what the booklet for
Yxy(130.6443, 0.3068, 0.4307)
contains.

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Color

Yxy(89.0041, 0.3091, 0.3810)

Conversions

Conversions Part 1

Format	Color
Hex	CDFFCF
RGB	205, 255, 207
RGB Percent	80%, 100%, 81%
CMY	0.1959, 0.0000, 0.1883
CMYK	0.20, 0.00, 0.19, 0.00
HSL	122°, 100%, 90%
HSV	122°, 20%, 100%
XYZ	72.2078, 89.0041, 72.3947
YIQ	234.5780, -14.3920, -25.5280

Conversions

Conversions Part 2

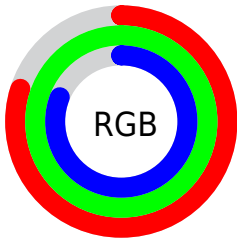
Format	Color
R_{YB}	205, 253, 255
Decimal	13500367
CIE _{Lab}	95.58, -24.73, 17.82
CIE _{LCh}	96, 30.480, 144.216
Yxy	89.0041, 0.3091, 0.3810
Android (android.graphics.Color)	4291690447 (0xFFCDDFFCF)
YUV	234.5780, -13.5960, -25.9399
Hunter-Lab	94.3420, -28.4775, 20.5424

Details

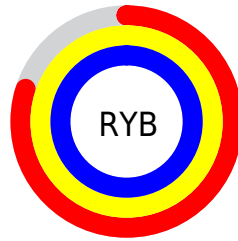
The Yxy color **89.0041, 0.3091, 0.3810** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **72.0418, 0.3163, 0.2820**, and the grayscale version is **82.8618, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.1721, 0.3075, 0.3925** is the 20% darker color. If you saturate the color by 10%, you get **84.5638, 0.3071, 0.4124**, and if you desaturate by 10%, it is **94.2291, 0.3110, 0.3528**.

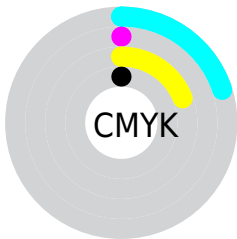
Distribution



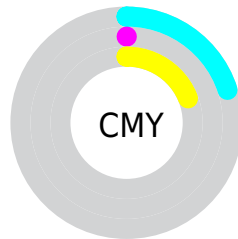
- Red (80%)
- Green (100%)
- Blue (81%)



- Red (80%)
- Yellow (99%)
- Blue (100%)



- Cyan (20%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)




- Cyan (20%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.0041, 0.3091, 0.3810 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 89.0041, 0.3091, 0.3810 by changing the saturation by 10% instead.


 89.0041, 0.3091,
0.3810

 89.0041, 0.3091,
0.3810


524.7859, 0.3111,
0.3570

 67.1549, 0.3086,
0.3865

145.9543, 0.3099,
0.3727

 49.2106, 0.3078,
0.3932


181.8241, 0.3102,
0.3694

 34.7865, 0.3069,
0.4018


223.1362, 0.3104,
0.3666

 23.4985, 0.3055,
0.4129

270.2751, 0.3106,
0.3642

 14.9620, 0.3034,
0.4280

323.6251, 0.3108,
0.3621

 8.7927, 0.3001,
0.4496

383.5707, 0.3109,

 4.6062, 0.2940,

0.3602

0.4829

450.4961, 0.3110,
0.3585

■ 2.0181, 0.2840,
0.5452

■ 0.6180, 0.0000,
1.0000

■ 89.0041, 0.3091,
0.3810

■ 89.0041, 0.3091,
0.3810

■ 84.5638, 0.3071,
0.4124

■ 94.2291, 0.3110,
0.3528

■ 80.8597, 0.3051,
0.4464

99.9972, 0.3127,
0.3290

■ 77.8553, 0.3032,
0.4816

■ 75.5067, 0.3015,
0.5160

■ 73.7649, 0.3002,
0.5471

■ 72.5741, 0.2995,
0.5722

■ 71.8680, 0.2994,
0.5893

■ 71.5480, 0.2996,
0.5982

■ 71.5389, 0.2995,
0.5984

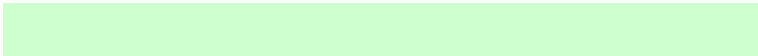
Harmonies

Analogous

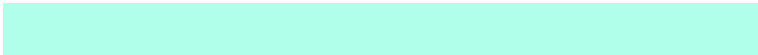
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.0041, 0.3431, 0.3906



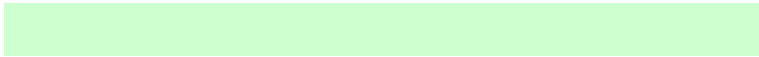
89.0041, 0.3091, 0.3810



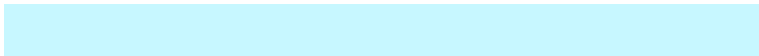
89.0041, 0.2773, 0.3547

Triad

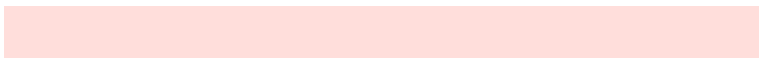
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.0041, 0.3091, 0.3810



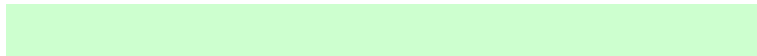
89.0041, 0.2575, 0.2761



89.0041, 0.3731, 0.3317

Complementary

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



89.0041, 0.3091, 0.3810



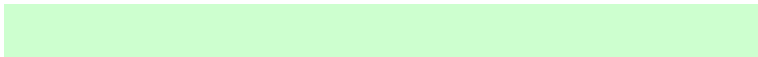
72.0418, 0.3163, 0.2820

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.



89.0041, 0.3477, 0.3045



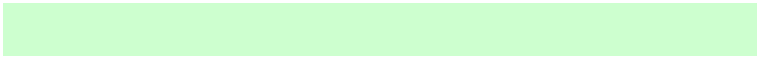
89.0041, 0.3091, 0.3810



89.0041, 0.2806, 0.2733

Square

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



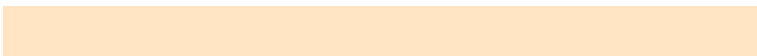
89.0041, 0.3091, 0.3810



89.0041, 0.2486, 0.2929



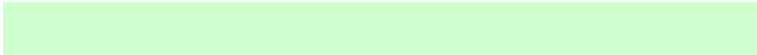
89.0041, 0.3134, 0.2837



89.0041, 0.3812, 0.3596

Rectangle

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



89.0041, 0.3091, 0.3810



89.0041, 0.2614, 0.3326



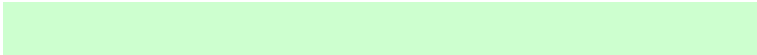
89.0041, 0.3134, 0.2837



89.0041, 0.3663, 0.3222

Sweetspot

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



89.0079, 0.3091, 0.3810



96.3015, 0.3117, 0.3435



96.8723, 0.3412, 0.3782



20.5302, 0.3115, 0.3452



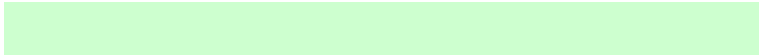
0.0000, 0.0000, 0.0000



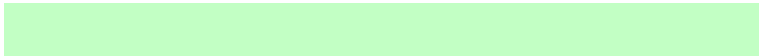
21.4041, 0.3127, 0.3290

Same Dimension

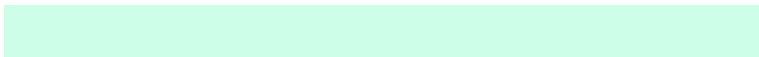
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.0079, 0.3091, 0.3810



86.9562, 0.3082, 0.3945



90.3121, 0.2956, 0.3537



20.1796, 0.3110, 0.3526



37.3870, 0.2994, 0.5977



3.6441, 0.2978, 0.5921

Inverse Universe

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



72.0418, 0.3163, 0.2820



66.8228, 0.3172, 0.2712



70.5674, 0.3340, 0.3056



18.2875, 0.3144, 0.3065



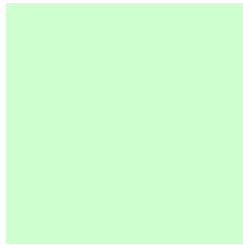
14.5628, 0.3309, 0.1596



1.4216, 0.3296, 0.1590

Previews

White Background



This preview shows how the Yxy color 89.0041, 0.3091, 0.3810 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 89.0041, 0.3091, 0.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

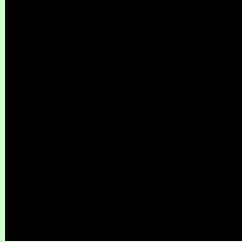
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

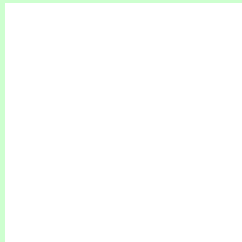
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 89.0041, 0.3091, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 89.0041, 0.3091, 0.3810.

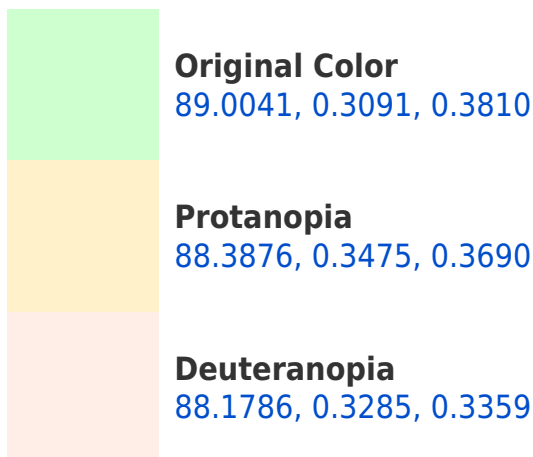


This preview shows how white text looks on a background with the Yxy color 89.0041, 0.3091, 0.3810.

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





Tritanopia

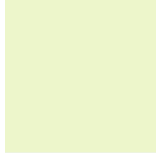
88.4153, 0.2962, 0.3179

Trichromacy



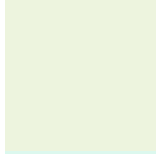
Original Color

89.0041, 0.3091, 0.3810



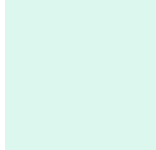
Protanomaly

88.2279, 0.3329, 0.3734



Deuteranomaly

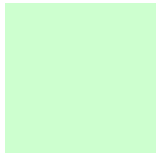
87.9798, 0.3215, 0.3515



Tritanomaly

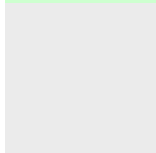
88.5235, 0.3010, 0.3393

Monochromacy



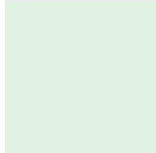
Original Color

89.0041, 0.3091, 0.3810



Achromatopsia

83.0770, 0.3127, 0.3290



Achromatomaly

84.7878, 0.3112, 0.3468

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.0041, 0.3091, 0.3810 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(205, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(205, 255, 207)  
}
```

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(205, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 89.0041, 0.3091, 0.3810 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(205, 255, 207) }
```

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

```
.border{ border-color:rgb(205, 255, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(205, 255,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 89.0041, 0.3091, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 255, 207) }
```

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

```
.background{ background-color: rgb(205,  
255, 207) }
```

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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