

Converting Colors

$Yxy(91.8276, 0.3140, 0.3830)$

Have a look what the booklet for
Yxy(91.8276, 0.3140, 0.3830)
contains.

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Color

Yxy(90.1711, 0.3140, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	D5FFCF
RGB	213, 255, 207
RGB Percent	84%, 100%, 81%
CMY	0.1646, 0.0000, 0.1881
CMYK	0.16, 0.00, 0.19, 0.00
HSL	112°, 100%, 91%
HSV	112°, 19%, 100%
XYZ	74.4706, 90.1711, 72.5258
YIQ	236.9700, -9.6240, -23.8320

Conversions

Conversions Part 2

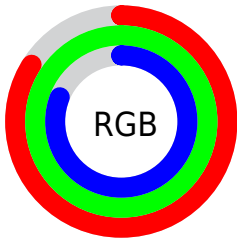
Format	Color
R _Y B	207, 255, 249
Decimal	14024655
CIE Lab	96.07, -22.10, 18.55
CIE LCh	96, 28.858, 139.987
Yxy	90.1711, 0.3140, 0.3802
Android (android.graphics.Color)	4292214735 (0xFFD5FFCF)
YUV	236.9700, -14.7752, -21.0217
Hunter-Lab	94.9585, -26.1898, 21.1874

Details

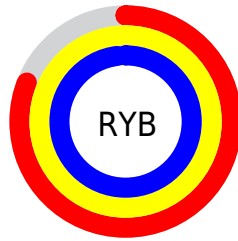
The Yxy color **90.1711, 0.3140, 0.3802** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **71.9967, 0.3106, 0.2815**, and the grayscale version is **84.7921, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **49.9572, 0.3137, 0.3913** is the 20% darker color. If you saturate the color by 10%, you get **85.9161, 0.3143, 0.4118**, and if you desaturate by 10%, it is **95.0942, 0.3134, 0.3516**.

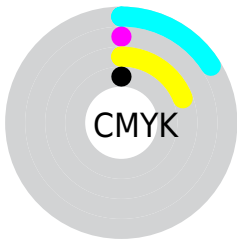
Distribution



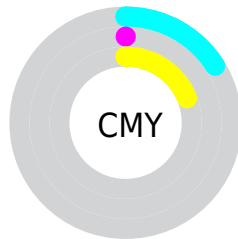
- Red (84%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (98%)



- Cyan (16%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (16%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 90.1711, 0.3140, 0.3802 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 90.1711, 0.3140, 0.3802 by changing the saturation by 10% instead.

 90.1711, 0.3140,
0.3802

 90.1711, 0.3140,
0.3802


528.5873, 0.3138,
0.3566

 68.1226, 0.3139,
0.3855

147.5760, 0.3140,
0.3721

 49.9975, 0.3138,
0.3921


183.7012, 0.3140,
0.3689

 35.4114, 0.3136,
0.4004


225.2874, 0.3140,
0.3661

 23.9799, 0.3132,
0.4112

272.7190, 0.3140,
0.3638

 15.3187, 0.3124,
0.4257

326.3804, 0.3139,
0.3617

 9.0434, 0.3109,
0.4464

386.6560, 0.3139,

 4.7695, 0.3076,

0.3598

0.4779

453.9301, 0.3139,
0.3581

■ 2.1127, 0.3020,
0.5358

■ 0.6717, 0.1283,
0.8717

■ 90.1711, 0.3140,
0.3802

■ 90.1711, 0.3140,
0.3802

■ 85.9161, 0.3143,
0.4118

■ 95.0942, 0.3134,
0.3516

■ 82.2894, 0.3142,
0.4458

99.9987, 0.3127,
0.3290

■ 79.2644, 0.3136,
0.4809

■ 76.8083, 0.3124,
0.5150

■ 74.8852, 0.3106,
0.5458

■ 73.4547, 0.3082,
0.5707

■ 72.4707, 0.3055,
0.5879

■ 71.8748, 0.3029,
0.5971

■ 71.8242, 0.3026,
0.5979

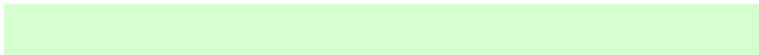
Harmonies

Analogous

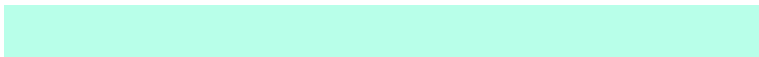
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.1711, 0.3456, 0.3868



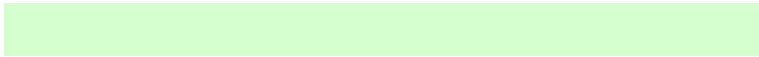
90.1711, 0.3140, 0.3802



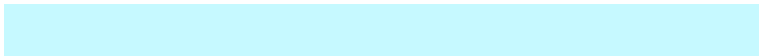
90.1711, 0.2831, 0.3573

Triad

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



90.1711, 0.3140, 0.3802



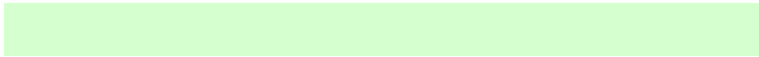
90.1711, 0.2584, 0.2805



90.1711, 0.3671, 0.3279

Complementary

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



90.1711, 0.3140, 0.3802



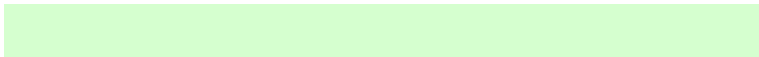
71.9967, 0.3106, 0.2815

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.



90.1711, 0.3415, 0.3026



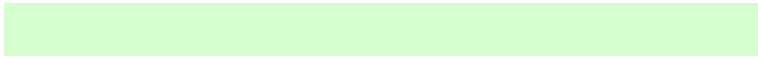
90.1711, 0.3140, 0.3802



90.1711, 0.2786, 0.2759

Square

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



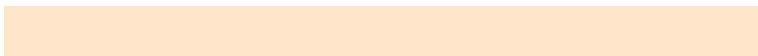
90.1711, 0.3140, 0.3802



90.1711, 0.2521, 0.2983



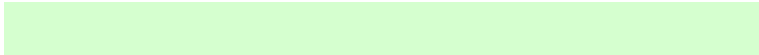
90.1711, 0.3088, 0.2840



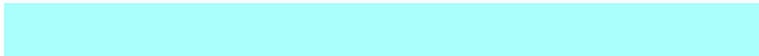
90.1711, 0.3773, 0.3545

Rectangle

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



90.1711, 0.3140, 0.3802



90.1711, 0.2670, 0.3369



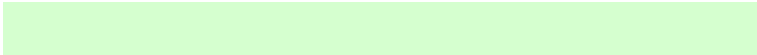
90.1711, 0.3088, 0.2840



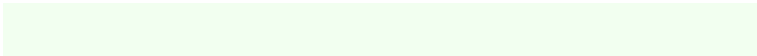
90.1711, 0.3599, 0.3190

Sweetspot

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



90.1750, 0.3140, 0.3802



96.6025, 0.3132, 0.3441



93.2711, 0.3422, 0.3701



20.6010, 0.3132, 0.3458



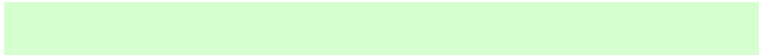
0.0000, 0.0000, 0.0000



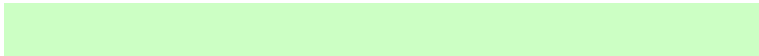
21.4041, 0.3127, 0.3290

Same Dimension

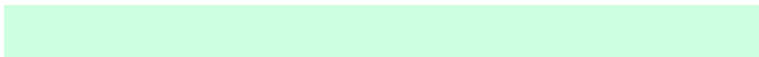
The Same Dimension uses a secret algorithm to generate beautiful new colors.



90.1750, 0.3140, 0.3802



88.3146, 0.3142, 0.3931



90.2030, 0.3006, 0.3613



20.2770, 0.3135, 0.3534



37.5640, 0.3032, 0.5975



3.6901, 0.3085, 0.5932

Inverse Universe

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



71.9967, 0.3106, 0.2815



66.7529, 0.3100, 0.2706



72.0356, 0.3272, 0.2988



18.1783, 0.3118, 0.3054



12.0236, 0.2895, 0.1368



1.2016, 0.2933, 0.1389

Previews

White Background



This preview shows how the Yxy color 90.1711, 0.3140, 0.3802 looks on a white background.

Color Contrast Check

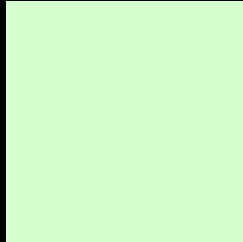
Large Text (above 18pt) WCAG AA × Fail

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 90.1711, 0.3140, 0.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

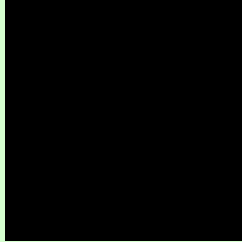
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

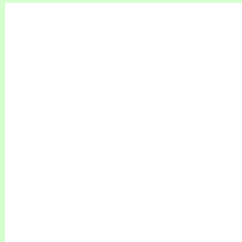
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 90.1711, 0.3140, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 90.1711, 0.3140, 0.3802.

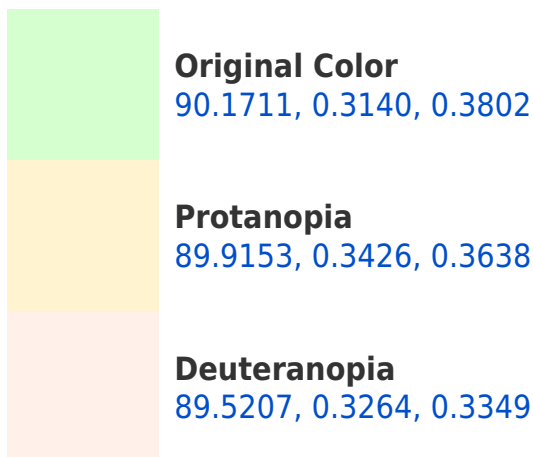


This preview shows how white text looks on a background with the Yxy color 90.1711, 0.3140, 0.3802.

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

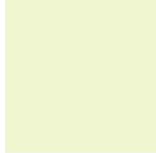
89.8485, 0.2993, 0.3190

Trichromacy



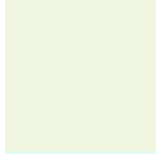
Original Color

90.1711, 0.3140, 0.3802



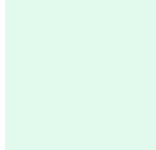
Protanomaly

89.6009, 0.3317, 0.3689



Deuteranomaly

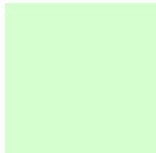
89.2119, 0.3222, 0.3503



Tritanomaly

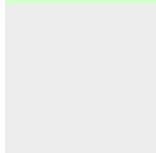
90.0932, 0.3047, 0.3402

Monochromacy



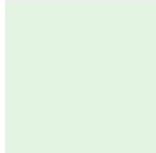
Original Color

90.1711, 0.3140, 0.3802



Achromatopsia

84.6873, 0.3127, 0.3290



Achromatomaly

86.6863, 0.3131, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 90.1711, 0.3140, 0.3802 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(213, 255, 207)` looks like.

```
.text, #text, p{  
    color:rgb(213, 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(213, 255, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 90.1711, 0.3140, 0.3802 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(213, 255, 207) }
```

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

```
.border{ border-color:rgb(213, 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(213, 255, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(213, 255,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 90.1711, 0.3140, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 255, 207) }
```

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

```
.background{ background-color: rgb(213,  
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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