

Converting Colors

$Yxy(91.8021, 0.3238, 0.3835)$

Have a look what the booklet for
Yxy(91.8021, 0.3238, 0.3835)
contains.

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Color

Yxy(91.8393, 0.3239, 0.3834)

Conversions

Conversions Part 1

Format	Color
Hex	E1FFCB
RGB	225, 255, 203
RGB Percent	88%, 100%, 80%
CMY	0.1176, 0.0000, 0.2041
CMYK	0.12, 0.00, 0.20, 0.00
HSL	95°, 100%, 90%
HSV	95°, 20%, 100%
XYZ	77.5867, 91.8393, 70.1131
YIQ	240.1020, -1.1880, -22.5320

Conversions

Conversions Part 2

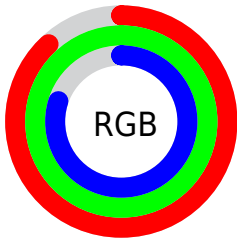
Format	Color
R _Y B	203, 255, 233
Decimal	14811083
CIE Lab	96.75, -18.72, 21.70
CIE LCh	97, 28.658, 130.789
Yxy	91.8393, 0.3239, 0.3834
Android (android.graphics.Color)	4293001163 (0xFFE1FFCB)
YUV	240.1020, -18.2913, -13.2445
Hunter-Lab	95.8328, -23.1930, 23.7053

Details

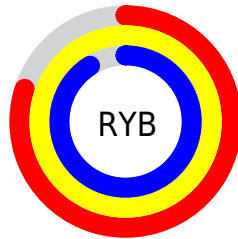
The Yxy color **91.8393, 0.3239, 0.3834** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **67.2321, 0.2992, 0.2756**, and the grayscale version is **87.3639, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9931, 0.3253, 0.3952** is the 20% darker color. If you saturate the color by 10%, you get **88.4582, 0.3289, 0.4132**, and if you desaturate by 10%, it is **95.6202, 0.3185, 0.3555**.

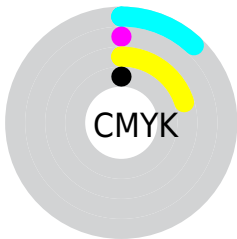
Distribution



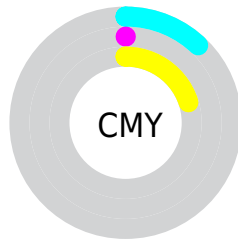
- Red (88%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (91%)



- Cyan (12%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (12%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.8393, 0.3239, 0.3834 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 91.8393, 0.3239, 0.3834 by changing the saturation by 10% instead.

 91.8393, 0.3239,
0.3834

 91.8393, 0.3239,
0.3834


533.9960, 0.3193,
0.3585

 69.5072, 0.3248,
0.3890


149.8906, 0.3224,
0.3748

 51.1249, 0.3258,
0.3959


186.3786, 0.3218,
0.3715

 36.3080, 0.3270,
0.4045


228.3541, 0.3213,
0.3686

 24.6721, 0.3284,
0.4156

276.2013, 0.3208,
0.3661

 15.8330, 0.3300,
0.4305

330.3047, 0.3204,
0.3639

 9.4060, 0.3316,
0.4514

391.0487, 0.3200,

 5.0070, 0.3327,

0.3619

0.4827

458.8177, 0.3197,
0.3601

■ 2.2513, 0.3365,
0.5424

■ 0.7478, 0.2533,
0.7467

■ 91.8393, 0.3239,
0.3834

■ 91.8393, 0.3239,
0.3834

■ 88.4582, 0.3289,
0.4132

■ 95.6202, 0.3185,
0.3555

■ 85.4675, 0.3331,
0.4443

99.8202, 0.3129,
0.3300

■ 82.8494, 0.3363,
0.4755

100.0000, 0.3127,
0.3290

■ 80.5868, 0.3378,
0.5053

■ 78.6609, 0.3375,
0.5320

■ 77.0507, 0.3351,
0.5539

■ 75.7320, 0.3309,
0.5699

■ 74.7072, 0.3255,
0.5798

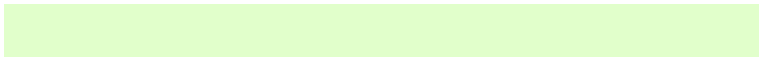
Harmonies

Analogous

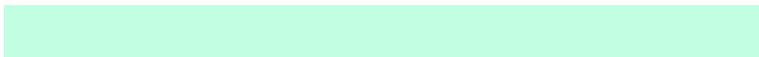
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.8393, 0.3535, 0.3846



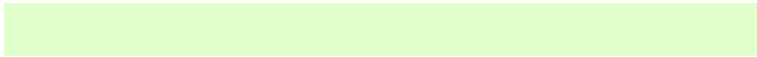
91.8393, 0.3239, 0.3834



91.8393, 0.2923, 0.3652

Triad

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



91.8393, 0.3239, 0.3834



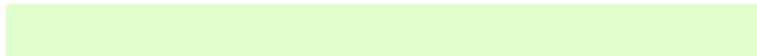
91.8393, 0.2556, 0.2852



91.8393, 0.3599, 0.3198

Complementary

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



91.8393, 0.3239, 0.3834



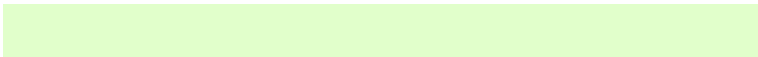
67.2321, 0.2992, 0.2756

Split Complementary

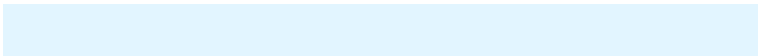
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.8393, 0.3315, 0.2964



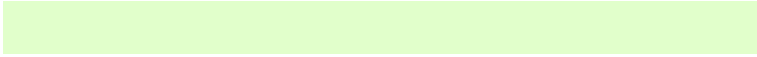
91.8393, 0.3239, 0.3834



91.8393, 0.2717, 0.2766

Square

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



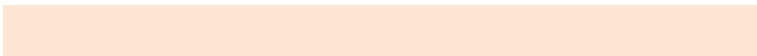
91.8393, 0.3239, 0.3834



91.8393, 0.2540, 0.3064



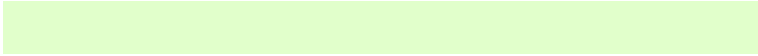
91.8393, 0.2990, 0.2809



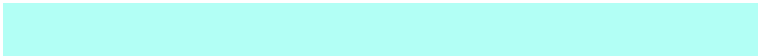
91.8393, 0.3753, 0.3464

Rectangle

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



91.8393, 0.3239, 0.3834



91.8393, 0.2743, 0.3463



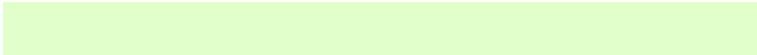
91.8393, 0.2990, 0.2809



91.8393, 0.3515, 0.3114

Sweetspot

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



91.8375, 0.3239, 0.3834



97.4187, 0.3161, 0.3440



83.5374, 0.3478, 0.3587



20.7934, 0.3164, 0.3456



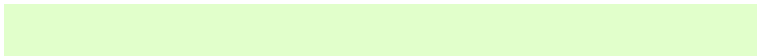
0.0000, 0.0000, 0.0000



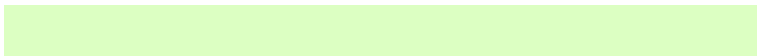
21.4041, 0.3127, 0.3290

Same Dimension

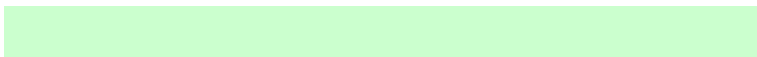
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.8375, 0.3239, 0.3834



90.5775, 0.3258, 0.3939



88.6886, 0.3081, 0.3818



20.5440, 0.3180, 0.3531



39.1196, 0.3267, 0.5788



3.8716, 0.3355, 0.5718

Inverse Universe

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



67.2321, 0.2992, 0.2756



62.3864, 0.2963, 0.2655



70.9531, 0.3175, 0.2813



17.8948, 0.3070, 0.3051



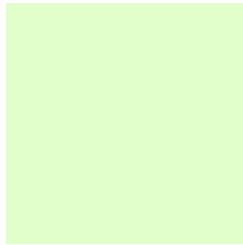
7.1044, 0.2178, 0.0974



0.7561, 0.2291, 0.1036

Previews

White Background



This preview shows how the Yxy color 91.8393, 0.3239, 0.3834 looks on a white background.

Color Contrast Check

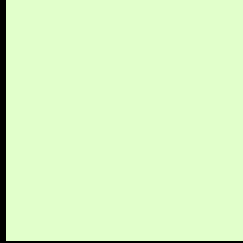
Large Text (above 18pt) WCAG AA × Fail

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 91.8393, 0.3239, 0.3834 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

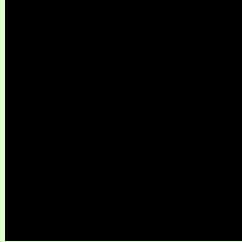
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

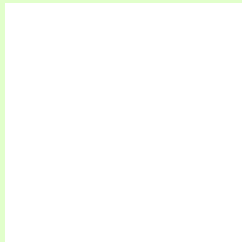
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.8393, 0.3239, 0.3834

Background



This preview shows how black text looks on a background with the Yxy color 91.8393, 0.3239, 0.3834.

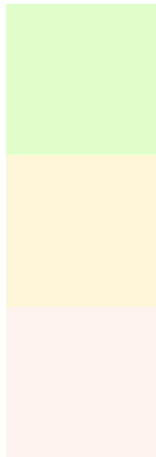


This preview shows how white text looks on a background with the Yxy color 91.8393, 0.3239, 0.3834.

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

91.8393, 0.3239, 0.3834

Protanopia

91.5227, 0.3372, 0.3577

Deuteranopia

91.4756, 0.3243, 0.3349

Tritanopia

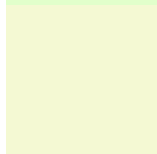
91.6568, 0.3037, 0.3201

Trichromacy



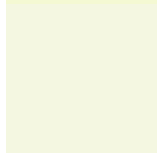
Original Color

91.8393, 0.3239, 0.3834



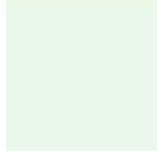
Protanomaly

91.6876, 0.3323, 0.3674



Deuteranomaly

91.1909, 0.3240, 0.3511



Tritanomaly

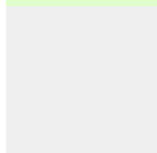
91.4697, 0.3115, 0.3421

Monochromacy



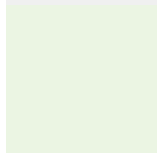
Original Color

91.8393, 0.3239, 0.3834



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.5130, 0.3170, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.8393, 0.3239, 0.3834 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(225, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(225, 255, 203)  
}
```

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(225, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 255, 203) }
```

Border

The CSS property to change the border of an element to Yxy 91.8393, 0.3239, 0.3834 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(225, 255, 203) }
```

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

```
.border{ border-color:rgb(225, 255, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 255, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(225, 255,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 91.8393, 0.3239, 0.3834 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 255, 203) }
```

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

```
.background{ background-color: rgb(225,  
255, 203) }
```

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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