

Converting Colors

$Y_{xy}(106.9278, 0.3309, 0.4001)$

Have a look what the booklet for
Yxy(106.9278, 0.3309, 0.4001)
contains.

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Color

Yxy(94.1350, 0.3336, 0.3829)

Conversions

Conversions Part 1

Format	Color
Hex	EFFFCA
RGB	239, 255, 202
RGB Percent	94%, 100%, 79%
CMY	0.0627, 0.0000, 0.2080
CMYK	0.06, 0.00, 0.21, 0.00
HSL	78°, 100%, 90%
HSV	78°, 21%, 100%
XYZ	82.0147, 94.1350, 69.6978
YIQ	244.1740, 7.4770, -19.8750

Conversions

Conversions Part 2

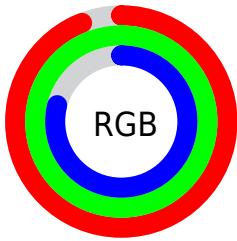
Format	Color
R_{YB}	202, 255, 218
Decimal	15728586
CIE _{Lab}	97.69, -14.01, 23.65
CIE _{LCh}	98, 27.486, 120.650
Yxy	94.1350, 0.3336, 0.3829
Android (android.graphics.Color)	4293918666 (0xFFEFFFCA)
YUV	244.1740, -20.7918, -4.5376
Hunter-Lab	97.0232, -18.9027, 25.3246

Details

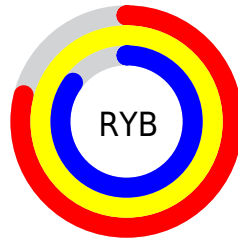
The Yxy color **94.1350, 0.3336, 0.3829** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.3401, 0.2886, 0.2728**, and the grayscale version is **90.7757, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5936, 0.3377, 0.3941** is the 20% darker color. If you saturate the color by 10%, you get **91.7147, 0.3433, 0.4106**, and if you desaturate by 10%, it is **96.8103, 0.3235, 0.3562**.

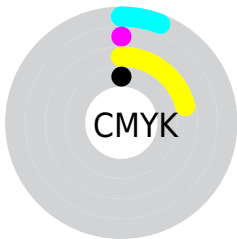
Distribution



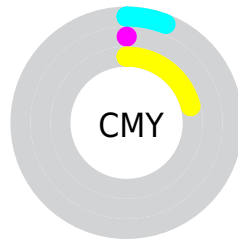
- Red (94%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (85%)



- Cyan (6%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1350, 0.3336, 0.3829 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 94.1350, 0.3336, 0.3829 by changing the saturation by 10% instead.


 94.1350, 0.3336,
0.3829

 94.1350, 0.3336,
0.3829

541.3921, 0.3247,
0.3585

 71.4152, 0.3354,
0.3883


153.0690, 0.3307,
0.3746

 52.6811, 0.3376,
0.3949

190.0521, 0.3295,
0.3713

 37.5483, 0.3402,
0.4032


232.5584, 0.3285,
0.3685

 25.6323, 0.3434,
0.4137

280.9723, 0.3275,
0.3660

 16.5488, 0.3474,
0.4277

335.6782, 0.3267,
0.3638

 9.9133, 0.3522,
0.4469

397.0606, 0.3260,

 5.3415, 0.3580,

0.3618

0.4750

465.5037, 0.3253,
0.3601

■ 2.4490, 0.3696,
0.5273

■ 0.8509, 0.3542,
0.6458

■ 94.1350, 0.3336,
0.3829

■ 94.1350, 0.3336,
0.3829

■ 91.7147, 0.3433,
0.4106

■ 96.8103, 0.3235,
0.3562

■ 89.5411, 0.3523,
0.4384

■ 99.7527, 0.3135,
0.3309

■ 87.6022, 0.3600,
0.4653

■ 100.0000, 0.3127,
0.3290

■ 85.8856, 0.3660,
0.4900

■ 84.3775, 0.3696,
0.5114

■ 83.0622, 0.3707,
0.5284

■ 81.9209, 0.3692,
0.5404

■ 80.9981, 0.3660,
0.5476

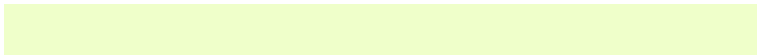
Harmonies

Analogous

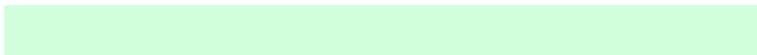
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1350, 0.3592, 0.3787



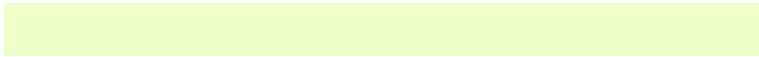
94.1350, 0.3336, 0.3829



94.1350, 0.3032, 0.3708

Triad

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



94.1350, 0.3336, 0.3829



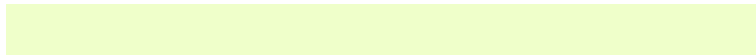
94.1350, 0.2561, 0.2930



94.1350, 0.3495, 0.3122

Complementary

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



94.1350, 0.3336, 0.3829



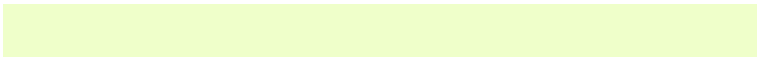
64.3401, 0.2886, 0.2728

Split Complementary

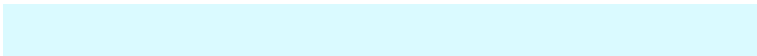
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1350, 0.3201, 0.2919



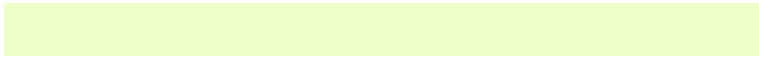
94.1350, 0.3336, 0.3829



94.1350, 0.2670, 0.2804

Square

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



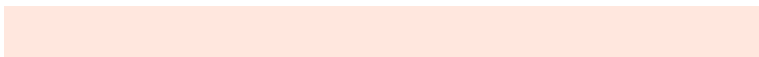
94.1350, 0.3336, 0.3829



94.1350, 0.2594, 0.3166



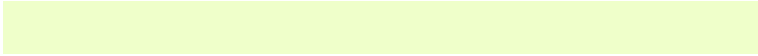
94.1350, 0.2900, 0.2804



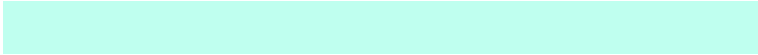
94.1350, 0.3691, 0.3371

Rectangle

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



94.1350, 0.3336, 0.3829



94.1350, 0.2844, 0.3549



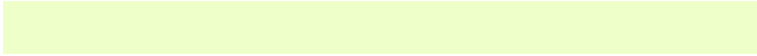
94.1350, 0.2900, 0.2804



94.1350, 0.3404, 0.3047

Sweetspot

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



94.1342, 0.3336, 0.3829



98.1889, 0.3187, 0.3439



75.5985, 0.3514, 0.3453



20.9755, 0.3194, 0.3455



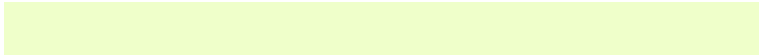
0.0000, 0.0000, 0.0000



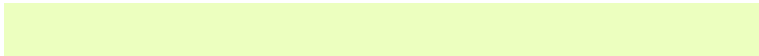
21.4041, 0.3127, 0.3290

Same Dimension

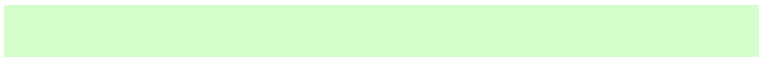
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1342, 0.3336, 0.3829



93.0874, 0.3378, 0.3944



89.8639, 0.3166, 0.3858



20.7997, 0.3222, 0.3528



42.4049, 0.3669, 0.5469



4.1859, 0.3730, 0.5420

Inverse Universe

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



64.3401, 0.2886, 0.2728



58.3618, 0.2828, 0.2602



68.7453, 0.3074, 0.2759



17.6432, 0.3026, 0.3048



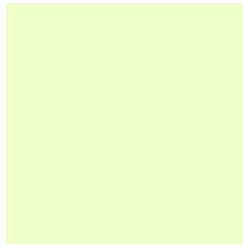
4.6622, 0.1702, 0.0711



0.5080, 0.1819, 0.0776

Previews

White Background



This preview shows how the Yxy color 94.1350, 0.3336, 0.3829 looks on a white background.

Color Contrast Check

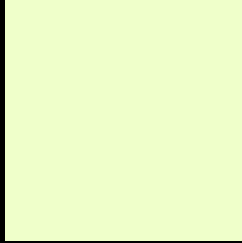
Large Text (above 18pt) WCAG AA × Fail

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 94.1350, 0.3336, 0.3829 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

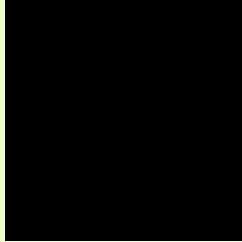
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

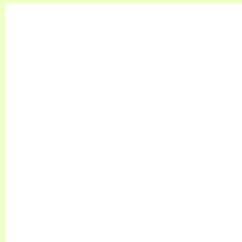
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1350, 0.3336, 0.3829

Background



This preview shows how black text looks on a background with the Yxy color 94.1350, 0.3336, 0.3829.

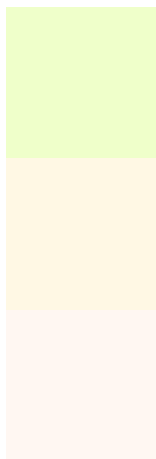


This preview shows how white text looks on a background with the Yxy color 94.1350, 0.3336, 0.3829.

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

94.1350, 0.3336, 0.3829

Protanopia

93.9962, 0.3293, 0.3486

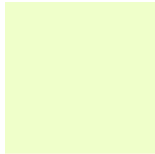
Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

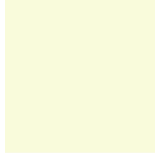
93.6980, 0.3086, 0.3212

Trichromacy



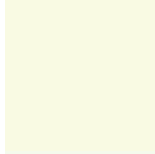
Original Color

94.1350, 0.3336, 0.3829



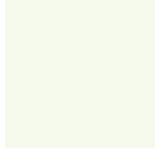
Protanomaly

94.2486, 0.3305, 0.3607



Deuteranomaly

94.0570, 0.3258, 0.3517



Tritanomaly

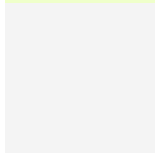
93.8398, 0.3178, 0.3428

Monochromacy



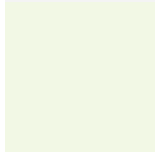
Original Color

94.1350, 0.3336, 0.3829



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.6692, 0.3202, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1350, 0.3336, 0.3829 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(239, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(239, 255, 202)  
}
```

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(239, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 255, 202) }
```

Border

The CSS property to change the border of an element to Yxy 94.1350, 0.3336, 0.3829 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(239, 255, 202) }
```

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

```
.border{ border-color:rgb(239, 255, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(239, 255, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(239, 255,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1350, 0.3336, 0.3829 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 255, 202) }
```

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

```
.background{ background-color: rgb(239,  
255, 202) }
```

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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