

Converting Colors

$Yxy(94.3429, 0.3367, 0.3858)$

Have a look what the booklet for
Yxy(94.3429, 0.3367, 0.3858)
contains.

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Color

Yxy(94.3443, 0.3367, 0.3857)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFC7
RGB	241, 255, 199
RGB Percent	95%, 100%, 78%
CMY	0.0547, 0.0000, 0.2196
CMYK	0.05, 0.00, 0.22, 0.00
HSL	75°, 100%, 89%
HSV	75°, 22%, 100%
XYZ	82.3586, 94.3443, 67.9025
YIQ	244.4300, 9.6320, -20.3840

Conversions

Conversions Part 2

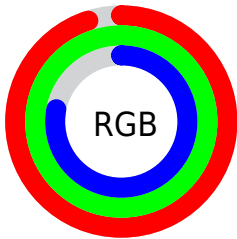
Format	Color
RYB	199, 255, 213
Decimal	15859655
CIELab	97.77, -13.71, 25.28
CIElCh	98, 28.762, 118.469
Yxy	94.3443, 0.3367, 0.3857
Android (android.graphics.Color)	4294049735 (0xFFFF1FFC7)
YUV	244.4300, -22.3970, -3.0081
Hunter-Lab	97.1310, -18.6268, 26.5432

Details

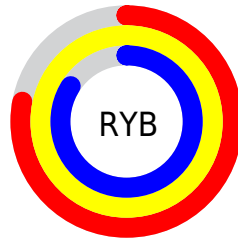
The Yxy color $94.3443, 0.3367, 0.3857$ is a light color, and the websafe version is hex `FFFFCC`. A complement of this color would be $62.2040, 0.2850, 0.2690$, and the grayscale version is $91.0155, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $52.7468, 0.3416, 0.3977$ is the 20% darker color. If you saturate the color by 10%, you get $92.1637, 0.3473, 0.4130$, and if you desaturate by 10%, it is $96.7706, 0.3257, 0.3591$.

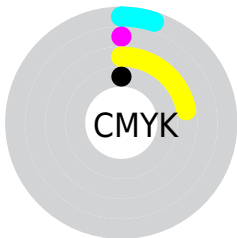
Distribution



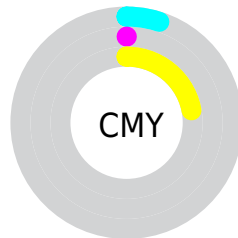
- Red (95%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (84%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3443, 0.3367, 0.3857 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 94.3443, 0.3367, 0.3857 by changing the saturation by 10% instead.


 94.3443, 0.3367,
0.3857

 94.3443, 0.3367,
0.3857


542.0637, 0.3265,
0.3601

 71.5894, 0.3388,
0.3914

153.3584, 0.3333,
0.3770

 52.8233, 0.3413,
0.3983


190.3864, 0.3320,
0.3735

 37.6617, 0.3444,
0.4069


232.9408, 0.3308,
0.3705

 25.7203, 0.3480,
0.4179

281.4061, 0.3297,
0.3679

 16.6145, 0.3525,
0.4325

336.1666, 0.3288,
0.3656

 9.9600, 0.3581,
0.4524

397.6068, 0.3279,


 5.3724, 0.3647,


0.3636

0.4812


466.1110, 0.3272,
0.3618

 2.4674, 0.3802,
0.5382


 0.8602, 0.3596,
0.6404


 94.3443, 0.3367,
0.3857


 94.3443, 0.3367,
0.3857


 92.1637, 0.3473,
0.4130


 96.7706, 0.3257,
0.3591

 90.2060, 0.3572,
0.4400

 99.4397, 0.3148,
0.3338

 88.4643, 0.3656,
0.4659

 99.9941, 0.3127,
0.3290

 86.9263, 0.3723,
0.4893

■ 85.5785, 0.3765,
0.5091

■ 84.4051, 0.3782,
0.5244

■ 83.3874, 0.3773,
0.5349

■ 82.6593, 0.3751,
0.5404

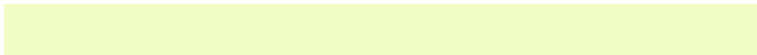
Harmonies

Analogous

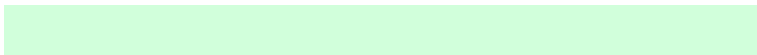
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3443, 0.3629, 0.3800



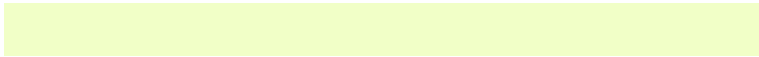
94.3443, 0.3367, 0.3857



94.3443, 0.3050, 0.3743

Triad

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



94.3443, 0.3367, 0.3857



94.3443, 0.2534, 0.2927



94.3443, 0.3492, 0.3097

Complementary

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



94.3443, 0.3367, 0.3857



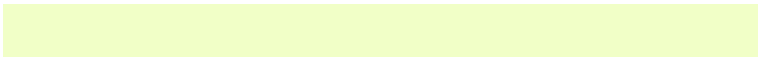
62.2040, 0.2850, 0.2690

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.



94.3443, 0.3181, 0.2891



94.3443, 0.3367, 0.3857



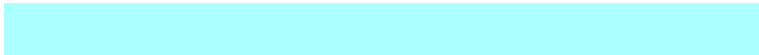
94.3443, 0.2637, 0.2788

Square

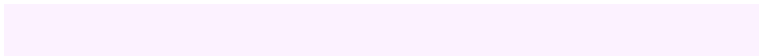
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



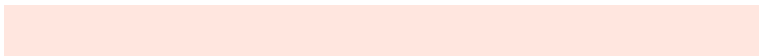
94.3443, 0.3367, 0.3857



94.3443, 0.2579, 0.3180



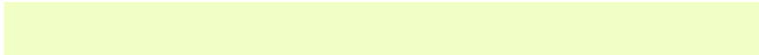
94.3443, 0.2869, 0.2779



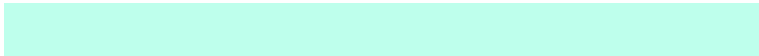
94.3443, 0.3707, 0.3354

Rectangle

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



94.3443, 0.3367, 0.3857



94.3443, 0.2851, 0.3582



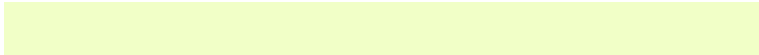
94.3443, 0.2869, 0.2779



94.3443, 0.3394, 0.3020

Sweetspot

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



94.3485, 0.3367, 0.3857



98.0704, 0.3203, 0.3464



72.5020, 0.3548, 0.3425



20.9567, 0.3210, 0.3479



0.0000, 0.0000, 0.0000



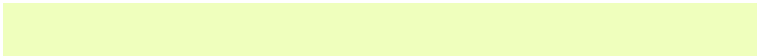
21.4041, 0.3127, 0.3290

Same Dimension

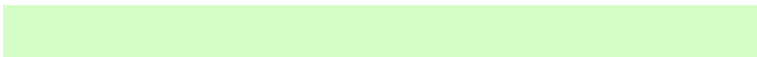
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.3485, 0.3367, 0.3857



93.4449, 0.3411, 0.3967



89.9237, 0.3191, 0.3889



20.8498, 0.3230, 0.3528



43.2688, 0.3758, 0.5398



4.2642, 0.3810, 0.5357

Inverse Universe

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



62.2040, 0.2850, 0.2690



56.4939, 0.2789, 0.2566



66.6032, 0.3043, 0.2723



17.5961, 0.3018, 0.3047



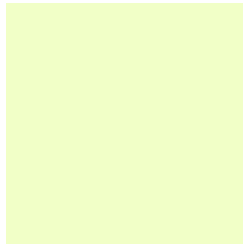
4.3912, 0.1642, 0.0678



0.4763, 0.1751, 0.0738

Previews

White Background



This preview shows how the Yxy color 94.3443, 0.3367, 0.3857 looks on a white background.

Color Contrast Check

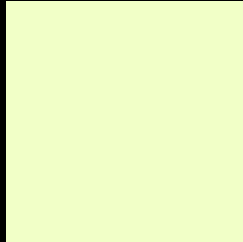
Large Text (above 18pt) WCAG AA × Fail

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 94.3443, 0.3367, 0.3857 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

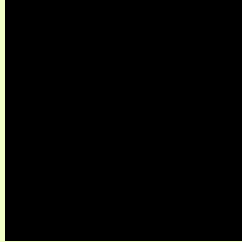
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

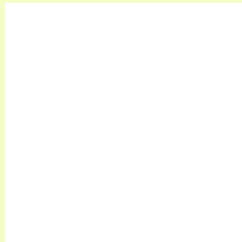
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.3443, 0.3367, 0.3857

Background



This preview shows how black text looks on a background with the Yxy color 94.3443, 0.3367, 0.3857.

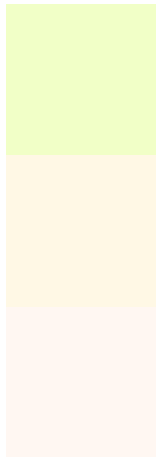


This preview shows how white text looks on a background with the Yxy color 94.3443, 0.3367, 0.3857.

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

94.3443, 0.3367, 0.3857

Protanopia

94.0519, 0.3287, 0.3476

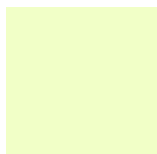
Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

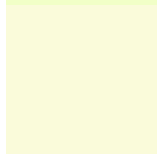
94.4945, 0.3092, 0.3222

Trichromacy



Original Color

94.3443, 0.3367, 0.3857



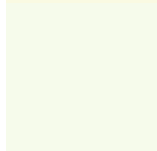
Protanomaly

94.3803, 0.3318, 0.3617



Deuteranomaly

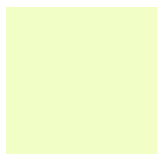
94.1862, 0.3270, 0.3527



Tritanomaly

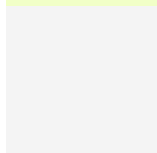
94.5853, 0.3190, 0.3448

Monochromacy



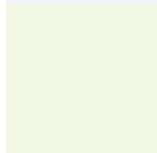
Original Color

94.3443, 0.3367, 0.3857



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.7909, 0.3214, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3443, 0.3367, 0.3857 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(241, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 199)  
}
```

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(241, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 199) }
```

Border

The CSS property to change the border of an element to Yxy 94.3443, 0.3367, 0.3857 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(241, 255, 199) }
```

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

```
.border{ border-color:rgb(241, 255, 199) }
```

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

Here you see how a box with a 4 pixel rgb(241, 255, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3443, 0.3367, 0.3857 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 199) }
```

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

```
.background{ background-color: rgb(241,  
255, 199) }
```

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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