

# Converting Colors

$Yxy(95.3715, 0.3443, 0.3899)$

Have a look what the booklet for  
Yxy(95.3715, 0.3443, 0.3899)  
contains.

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# Color

**Yxy(95.3715, 0.3443, 0.3899)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F8FFC2
RGB	248, 255, 194
RGB Percent	97%, 100%, 76%
CMY	0.0273, 0.0000, 0.2392
CMYK	0.03, 0.00, 0.24, 0.00
HSL	67°, 100%, 88%
HSV	67°, 24%, 100%
XYZ	84.2175, 95.3715, 65.0160
YIQ	245.9530, 15.4090, -20.4550

# Conversions

## Conversions Part 2

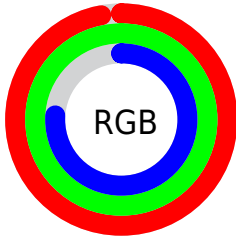
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 255, 201
Decimal	16318402
CIELab	98.18, -11.92, 28.45
CIElCh	98, 30.847, 112.740
Yxy	95.3715, 0.3443, 0.3899
Android (android.graphics.Color)	4294508482 (0xFFF8FFC2)
YUV	245.9530, -25.6128, 1.7952
Hunter-Lab	97.6583, -16.9692, 28.8885

# Details

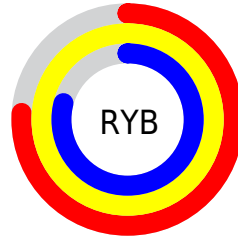
The Yxy color **95.3715, 0.3443, 0.3899** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.2251, 0.2764, 0.2620**, and the grayscale version is **92.3273, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **53.3580, 0.3505, 0.4029** is the 20% darker color. If you saturate the color by 10%, you get **93.7978, 0.3573, 0.4159**, and if you desaturate by 10%, it is **97.1585, 0.3310, 0.3639**.

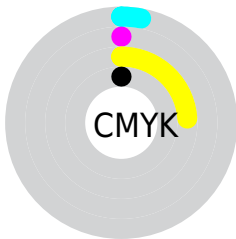
# Distribution



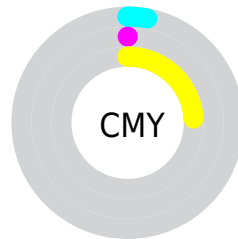
- Red (97%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (79%)



- Cyan (3%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (24%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.3715, 0.3443, 0.3899 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 95.3715, 0.3443, 0.3899 by changing the saturation by 10% instead.




 95.3715, 0.3443,  
0.3899

 95.3715, 0.3443,  
0.3899


545.3536, 0.3308,  
0.3626

 72.4442, 0.3471,  
0.3959


 154.7777, 0.3398,  
0.3806

 53.5216, 0.3505,  
0.4032


192.0255, 0.3380,  
0.3769

 38.2193, 0.3545,  
0.4123


234.8155, 0.3365,  
0.3738

 26.1530, 0.3594,  
0.4237

283.5322, 0.3351,  
0.3710

 16.9381, 0.3654,  
0.4387

338.5600, 0.3338,  
0.3685

 10.1904, 0.3728,  
0.4590

400.2832, 0.3327,

 5.5254, 0.3818,

0.3663

0.4876

469.0863, 0.3317,  
0.3644

■ 2.5587, 0.4061,  
0.5503

■ 0.9059, 0.3861,  
0.6139

■ 95.3715, 0.3443,  
0.3899

■ 95.3715, 0.3443,  
0.3899

■ 93.7978, 0.3573,  
0.4159

■ 97.1585, 0.3310,  
0.3639

■ 92.4148, 0.3694,  
0.4410

■ 99.1556, 0.3178,  
0.3386

■ 91.2155, 0.3800,  
0.4640

99.9983, 0.3127,  
0.3290

■ 90.1881, 0.3886,  
0.4841

■ 89.3188, 0.3948,  
0.5001

■ 88.5918, 0.3984,  
0.5117

■ 87.9880, 0.3993,  
0.5188

■ 87.6641, 0.3990,  
0.5214

# Harmonies

## Analogous

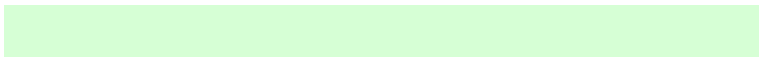
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.3715, 0.3702, 0.3803



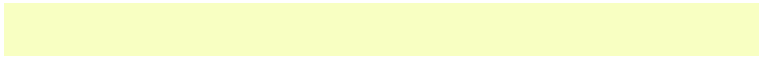
95.3715, 0.3443, 0.3899



95.3715, 0.3108, 0.3813

# Triad

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



95.3715, 0.3443, 0.3899



95.3715, 0.2493, 0.2945



95.3715, 0.3458, 0.3036

# Complementary

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



95.3715, 0.3443, 0.3899



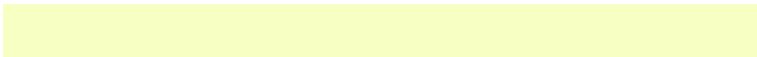
58.2251, 0.2764, 0.2620

# 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.



95.3715, 0.3117, 0.2834



95.3715, 0.3443, 0.3899



95.3715, 0.2573, 0.2772

# Square

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



95.3715, 0.3443, 0.3899



95.3715, 0.2570, 0.3232



95.3715, 0.2795, 0.2737



95.3715, 0.3716, 0.3303

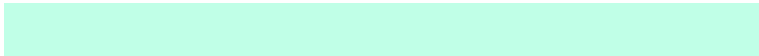


# Rectangle

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



95.3715, 0.3443, 0.3899



95.3715, 0.2889, 0.3658



95.3715, 0.2795, 0.2737



95.3715, 0.3348, 0.2959

# Sweetspot

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



95.3757, 0.3443, 0.3899



98.5184, 0.3218, 0.3463



66.5161, 0.3614, 0.3355



21.0607, 0.3226, 0.3478



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

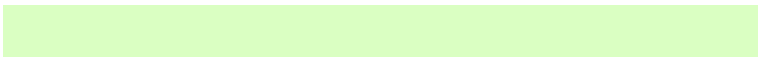
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.3757, 0.3443, 0.3899



94.5506, 0.3510, 0.4032



90.3824, 0.3248, 0.3939



20.9792, 0.3251, 0.3526



45.8495, 0.3993, 0.5211



4.4929, 0.4017, 0.5192



# Inverse Universe

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



58.2251, 0.2764, 0.2620



51.1710, 0.2672, 0.2455



62.7331, 0.2974, 0.2659



17.4771, 0.2996, 0.3045



3.9415, 0.1540, 0.0622

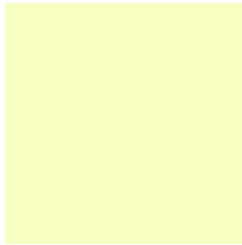


0.4143, 0.1612, 0.0661



# Previews

## White Background



This preview shows how the Yxy color 95.3715, 0.3443, 0.3899 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

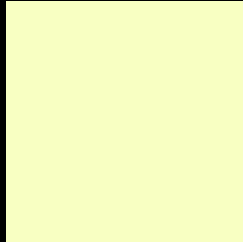
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.3715, 0.3443, 0.3899 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

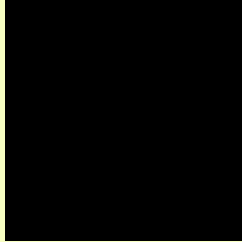
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 95.3715, 0.3443, 0.3899**

## Background



This preview shows how black text looks on a background with the Yxy color 95.3715, 0.3443, 0.3899.



This preview shows how white text looks on a background with the Yxy color 95.3715, 0.3443, 0.3899.

# Color Blindness Simulation

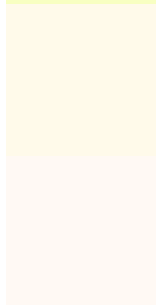
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

95.3715, 0.3443, 0.3899



### Protanopia

95.5717, 0.3255, 0.3446

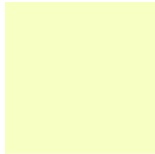
### Deuteranopia

95.5430, 0.3195, 0.3338

## **Tritanopia**

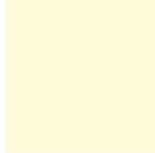
95.0503, 0.3111, 0.3223

# Trichromacy



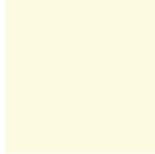
## Original Color

95.3715, 0.3443, 0.3899



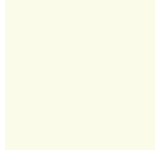
## Protanomaly

95.4307, 0.3324, 0.3615



## Deuteranomaly

95.1808, 0.3282, 0.3535



## Tritanomaly

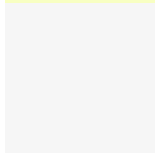
95.3868, 0.3234, 0.3466

# Monochromacy



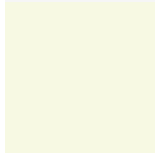
## Original Color

95.3715, 0.3443, 0.3899



## Achromatopsia

92.1582, 0.3127, 0.3290



## Achromatomaly

93.0716, 0.3246, 0.3509

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.3715, 0.3443, 0.3899 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(248, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 194)  
}
```

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(248, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 194) }
```

## Border

The CSS property to change the border of an element to Yxy 95.3715, 0.3443, 0.3899 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(248, 255, 194) }
```

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

```
.border{ border-color:rgb(248, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(248, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
194) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.3715, 0.3443, 0.3899 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 194) }
```

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

```
.background{ background-color: rgb(248,  
255, 194) }
```

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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