

# Converting Colors

$Yxy(95.8485, 0.3185, 0.3544)$

Have a look what the booklet for  
Yxy(95.8485, 0.3185, 0.3544)  
contains.

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# Color

**Yxy(95.9339, 0.3184, 0.3539)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | F1FFE6                      |
| RGB         | 241, 255, 230               |
| RGB Percent | 95%, 100%, 90%              |
| CMY         | 0.0550, 0.0000, 0.0980      |
| CMYK        | 0.06, 0.00, 0.10, 0.00      |
| HSL         | 94°, 100%, 95%              |
| HSV         | 94°, 10%, 100%              |
| XYZ         | 86.3107, 95.9339, 88.8317   |
| YIQ         | 247.9640, -0.3190, -10.7430 |

# Conversions

## Conversions Part 2

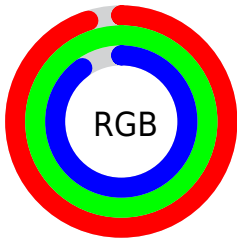
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 230, 255, 244                 |
| Decimal                             | 15859686                      |
| CIE Lab                             | 98.41, -8.94, 10.37           |
| CIE LCh                             | 98, 13.694, 130.774           |
| Yxy                                 | 95.9339, 0.3184,<br>0.3539    |
| Android<br>(android.graphics.Color) | 4294049766<br>(0xFFFF1FFE6)   |
| YUV                                 | 247.9640, -8.8563,<br>-6.1074 |
| Hunter-Lab                          | 97.9459, -14.1096,<br>14.7892 |

# Details

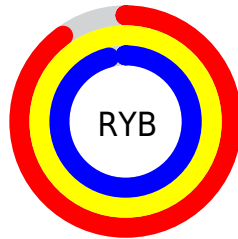
The Yxy color 95.9339, 0.3184, 0.3539 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.0543, 0.3065, 0.3043, and the grayscale version is 93.9041, 0.3127, 0.3290.

A 20% lighter version of the original color is 100.0000, 0.3127, 0.3290, and 53.7584, 0.3200, 0.3596 is the 20% darker color. If you saturate the color by 10%, you get 92.1791, 0.3241, 0.3816, and if you desaturate by 10%, it is 100.0000, 0.3127, 0.3290.

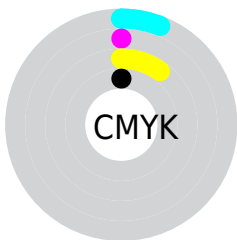
# Distribution



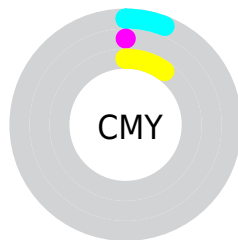
- Red (95%)
- Green (100%)
- Blue (90%)



- Red (90%)
- Yellow (100%)
- Blue (96%)



- Cyan (6%)
- Magenta (0%)
- Yellow (10%)
- Black (0%)




- Cyan (6%)
- Magenta (0%)
- Yellow (10%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.9339, 0.3184, 0.3539 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 95.9339, 0.3184, 0.3539 by changing the saturation by 10% instead.



 95.9339, 0.3184,  
0.3539

 95.9339, 0.3184,  
0.3539


547.1505, 0.3160,  
0.3428

 72.9125, 0.3189,  
0.3564

155.5542, 0.3176,  
0.3501

 53.9044, 0.3195,  
0.3593


192.9219, 0.3173,  
0.3486

 38.5253, 0.3203,  
0.3631


235.8405, 0.3170,  
0.3473

 26.3906, 0.3212,  
0.3678

284.6943, 0.3167,  
0.3462

 17.1161, 0.3223,  
0.3741

339.8678, 0.3165,  
0.3452

 10.3173, 0.3238,  
0.3829

401.7454, 0.3163,

 5.6098, 0.3258,

0.3443

0.3957

470.7115, 0.3161,  
0.3435

■ 2.6093, 0.3286,  
0.4166

■ 0.9314, 0.3533,  
0.4939

■ 95.9339, 0.3184,  
0.3539

■ 95.9339, 0.3184,  
0.3539

■ 92.1791, 0.3241,  
0.3816

100.0000, 0.3127,  
0.3290

■ 88.8232, 0.3294,  
0.4112

■ 85.8468, 0.3339,  
0.4420

■ 83.2344, 0.3373,  
0.4731

■ 80.9695, 0.3392,  
0.5027

■ 79.0339, 0.3392,  
0.5294

■ 77.4072, 0.3371,  
0.5515

■ 76.0661, 0.3330,  
0.5677

■ 74.9763, 0.3274,  
0.5781

# Harmonies

## Analogous

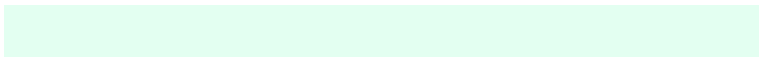
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9339, 0.3322, 0.3550



95.9339, 0.3184, 0.3539



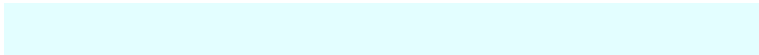
95.9339, 0.3033, 0.3456

# Triad

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



95.9339, 0.3184, 0.3539



95.9339, 0.2852, 0.3085



95.9339, 0.3348, 0.3250

# Complementary

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



95.9339, 0.3184, 0.3539



83.0543, 0.3065, 0.3043

# Split Complementary

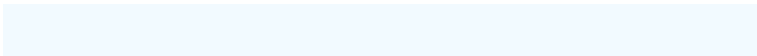
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.9339, 0.3218, 0.3132



95.9339, 0.3184, 0.3539



95.9339, 0.2932, 0.3037

# Square

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



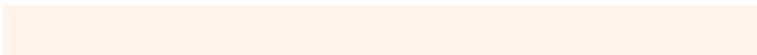
95.9339, 0.3184, 0.3539



95.9339, 0.2844, 0.3189



95.9339, 0.3065, 0.3055



95.9339, 0.3419, 0.3379

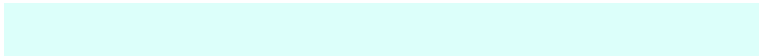


# Rectangle

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



95.9339, 0.3184, 0.3539



95.9339, 0.2946, 0.3372



95.9339, 0.3065, 0.3055



95.9339, 0.3310, 0.3208

# Sweetspot

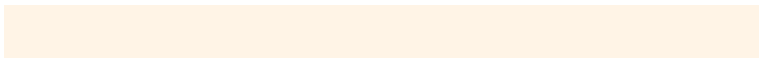
The Sweet Spot groups the original color and five complimentary colors.



95.9288, 0.3184, 0.3539



98.7118, 0.3145, 0.3364



91.5252, 0.3286, 0.3425



21.0560, 0.3149, 0.3384



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

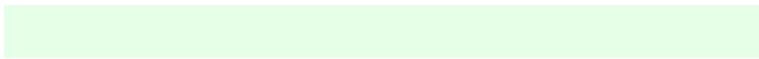
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9288, 0.3184, 0.3539



95.0704, 0.3197, 0.3598



94.1273, 0.3108, 0.3531



20.5580, 0.3182, 0.3531



39.2513, 0.3285, 0.5774



3.8851, 0.3373, 0.5704



# Inverse Universe

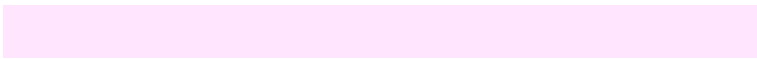
The Inverse Universe completely reimagines the original color for something new.



83.0543, 0.3065, 0.3043



79.5487, 0.3050, 0.2985



84.9950, 0.3146, 0.3060



17.8806, 0.3067, 0.3051



6.9197, 0.2146, 0.0956



0.7385, 0.2261, 0.1019



# Previews

## White Background



This preview shows how the Yxy color 95.9339, 0.3184, 0.3539 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

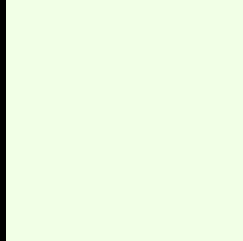
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.9339, 0.3184, 0.3539 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

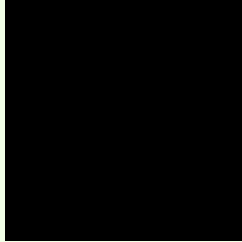
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

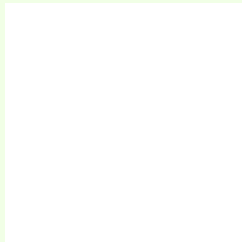
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 95.9339, 0.3184, 0.3539**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.9339, 0.3184, 0.3539.

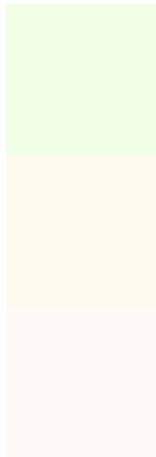


This preview shows how white text looks on a background with the Yxy color 95.9339, 0.3184, 0.3539.

# 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

95.9339, 0.3184, 0.3539

### Protanopia

95.8632, 0.3224, 0.3397

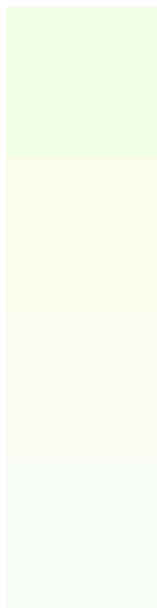
### Deuteranopia

95.7887, 0.3171, 0.3300

## **Tritanopia**

95.7310, 0.3092, 0.3242

# Trichromacy



## Original Color

95.9339, 0.3184, 0.3539

## Protanomaly

96.0009, 0.3209, 0.3446

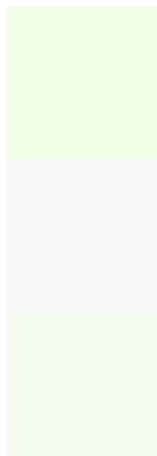
## Deuteranomaly

95.6692, 0.3180, 0.3387

## Tritanomaly

95.8675, 0.3124, 0.3349

# Monochromacy



## Original Color

95.9339, 0.3184, 0.3539

## Achromatopsia

93.8686, 0.3127, 0.3290

## Achromatomaly

94.7577, 0.3148, 0.3388

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 95.9339, 0.3184, 0.3539 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, 230)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 230)  
}
```

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, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 230) }
```

## Border

The CSS property to change the border of an element to Yxy 95.9339, 0.3184, 0.3539 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, 230) }
```

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

```
.border{ border-color:rgb(241, 255, 230) }
```

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, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 230);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
230) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.9339, 0.3184, 0.3539 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, 230) }
```

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

```
.background{ background-color: rgb(241,  
255, 230) }
```

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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