

Converting Colors

$Yxy(95.8268, 0.3184, 0.3544)$

Have a look what the booklet for
Yxy(95.8268, 0.3184, 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

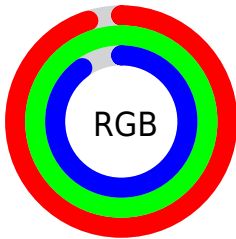
Format	Color
R_{YB}	230, 255, 244
Decimal	15859686
CIE _{Lab}	98.41, -8.94, 10.37
CIE _{LCh}	98, 13.694, 130.774
Yxy	95.9339, 0.3184, 0.3539
Android (android.graphics.Color)	4294049766 (0xFFFF1FFE6)
YUV	247.9640, -8.8563, -6.1074
Hunter-Lab	97.9459, -14.1096, 14.7892

Details

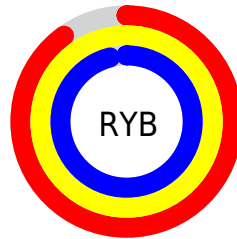
The Yxy color 95.9339, 0.3184, 0.3539 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 83.0543, 0.3065, 0.3043, and the grayscale version is 93.9041, 0.3127, 0.3290.

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.

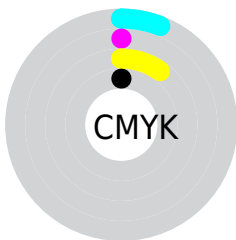
Distribution



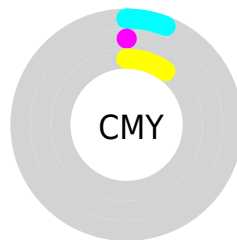
- Red (95%)
- Green (100%)
- Blue (90%)



- 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

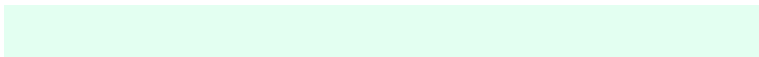
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



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

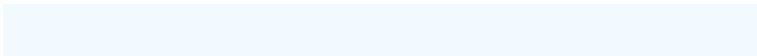
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



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.



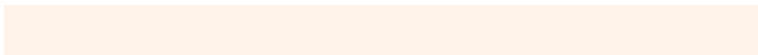
95.9339, 0.3184, 0.3539



95.9339, 0.2844, 0.3189



95.9339, 0.3065, 0.3055



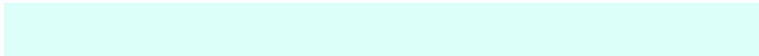
95.9339, 0.3419, 0.3379

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

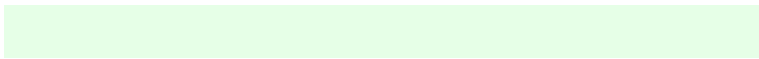
The Same Dimension uses a secret algorithm to generate beautiful new colors.



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

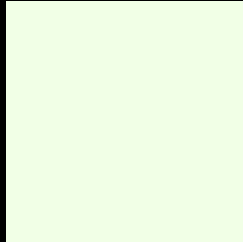
Large Text (above 18pt) WCAG AA × Fail

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

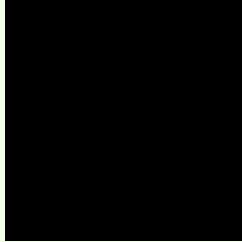
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

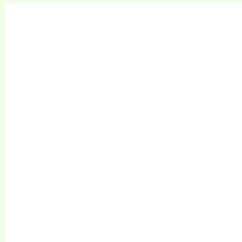
If you want to check with other color combinations, try the [Color Contrast Checker](#).

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.

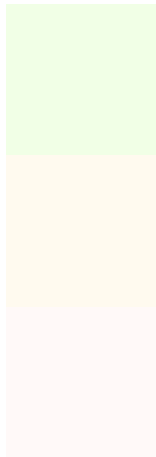


This preview shows how white text looks on a background with the Yxy color 95.9339, 0.3184, 0.3539.

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

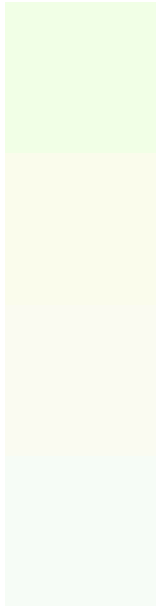
Deuteranopia

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

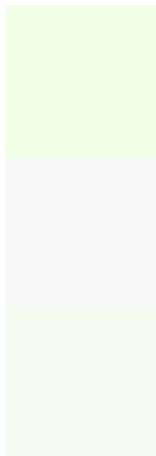
Deuteranomaly

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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