

Converting Colors

$Y_{xy}(139.7970, 0.3303, 0.4390)$

Have a look what the booklet for
Yxy(139.7970, 0.3303, 0.4390)
contains.

Yxy(94.5602, 0.3398, 0.3886)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(94.5602, 0.3398, 0.3886)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFC4
RGB	243, 255, 196
RGB Percent	95%, 100%, 77%
CMY	0.0470, 0.0000, 0.2316
CMYK	0.05, 0.00, 0.23, 0.00
HSL	72°, 100%, 88%
HSV	72°, 23%, 100%
XYZ	82.6854, 94.5602, 66.0899
YIQ	244.6860, 11.7870, -20.8930

Conversions

Conversions Part 2

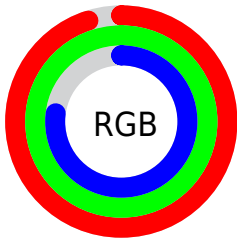
Format	Color
RYB	196, 255, 208
Decimal	15990724
CIELab	97.86, -13.45, 26.97
CIELCh	98, 30.137, 116.515
Yxy	94.5602, 0.3398, 0.3886
Android (android.graphics.Color)	4294180804 (0xFFFF3FFC4)
YUV	244.6860, -24.0022, -1.4786
Hunter-Lab	97.2421, -18.3942, 27.7734

Details

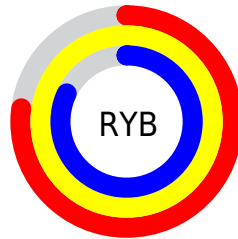
The Yxy color **94.5602, 0.3398, 0.3886** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.0803, 0.2813, 0.2650**, and the grayscale version is **91.2335, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8718, 0.3139, 0.3309**, and **52.7803, 0.3447, 0.4014** is the 20% darker color. If you saturate the color by 10%, you get **92.5890, 0.3512, 0.4155**, and if you desaturate by 10%, it is **96.7562, 0.3281, 0.3621**.

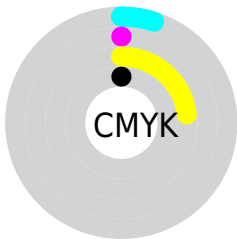
Distribution



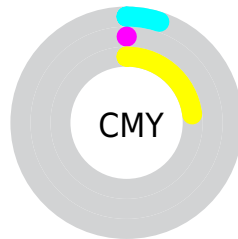
- Red (95%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (82%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.5602, 0.3398, 0.3886 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 94.5602, 0.3398, 0.3886 by changing the saturation by 10% instead.

 94.5602, 0.3398,
0.3886

 94.5602, 0.3398,
0.3886

542.7560, 0.3283,
0.3617

 71.7690, 0.3422,
0.3945


153.6569, 0.3360,
0.3794

 52.9700, 0.3450,
0.4018


190.7311, 0.3345,
0.3758

 37.7788, 0.3484,
0.4108


233.3351, 0.3331,
0.3727

 25.8111, 0.3526,
0.4223

281.8534, 0.3319,
0.3700

 16.6823, 0.3577,
0.4373

336.6702, 0.3309,
0.3675

 10.0083, 0.3639,
0.4580

398.1700, 0.3299,

 5.4044, 0.3712,

0.3654

0.4874

466.7371, 0.3290,
0.3635

■ 2.4865, 0.3910,
0.5499

■ 0.8698, 0.3642,
0.6358

■ 94.5602, 0.3398,
0.3886

■ 94.5602, 0.3398,
0.3886

■ 92.5890, 0.3512,
0.4155

■ 96.7562, 0.3281,
0.3621

■ 90.8301, 0.3617,
0.4418

■ 99.1842, 0.3163,
0.3367

■ 89.2733, 0.3709,
0.4666

100.0000, 0.3127,
0.3290

■ 87.9064, 0.3780,
0.4887

■ 86.7157, 0.3828,
0.5071

■ 85.6854, 0.3850,
0.5209

■ 84.7965, 0.3846,
0.5300

■ 84.2507, 0.3832,
0.5340

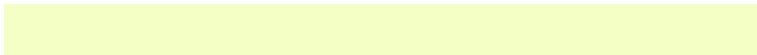
Harmonies

Analogous

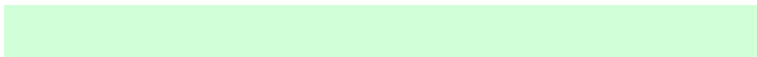
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5602, 0.3665, 0.3814



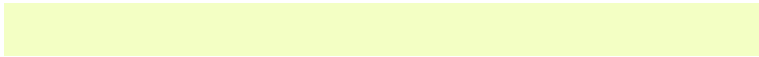
94.5602, 0.3398, 0.3886



94.5602, 0.3067, 0.3778

Triad

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



94.5602, 0.3398, 0.3886



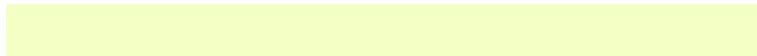
94.5602, 0.2506, 0.2924



94.5602, 0.3490, 0.3071

Complementary

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



94.5602, 0.3398, 0.3886



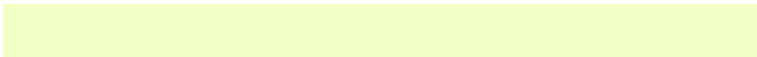
60.0803, 0.2813, 0.2650

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.



94.5602, 0.3160, 0.2862



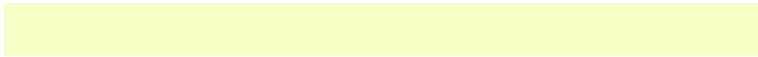
94.5602, 0.3398, 0.3886



94.5602, 0.2604, 0.2770

Square

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



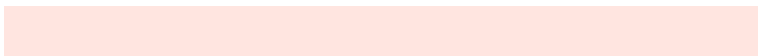
94.5602, 0.3398, 0.3886



94.5602, 0.2563, 0.3194



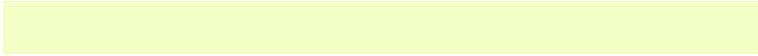
94.5602, 0.2837, 0.2753



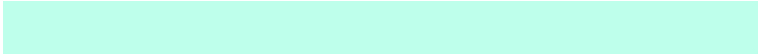
94.5602, 0.3725, 0.3338

Rectangle

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



94.5602, 0.3398, 0.3886



94.5602, 0.2856, 0.3615



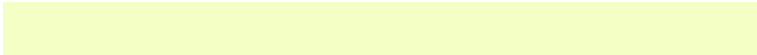
94.5602, 0.2837, 0.2753



94.5602, 0.3385, 0.2993

Sweetspot

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



94.5609, 0.3398, 0.3886



98.2225, 0.3208, 0.3463



70.2400, 0.3581, 0.3413



20.9920, 0.3215, 0.3479



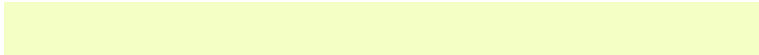
0.0000, 0.0000, 0.0000



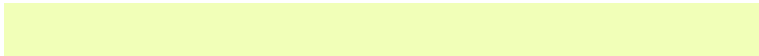
21.4041, 0.3127, 0.3290

Same Dimension

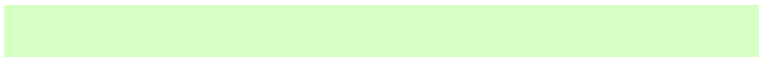
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5609, 0.3398, 0.3886



93.5783, 0.3454, 0.4016



89.7497, 0.3207, 0.3923



20.8936, 0.3238, 0.3527



44.0879, 0.3838, 0.5335



4.3376, 0.3880, 0.5301

Inverse Universe

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



60.0803, 0.2813, 0.2650



53.3533, 0.2735, 0.2498



64.7331, 0.3023, 0.2688



17.5553, 0.3010, 0.3046



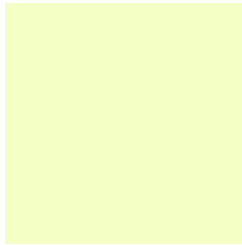
4.2004, 0.1599, 0.0655



0.4524, 0.1698, 0.0709

Previews

White Background



This preview shows how the Yxy color 94.5602, 0.3398, 0.3886 looks on a white background.

Color Contrast Check

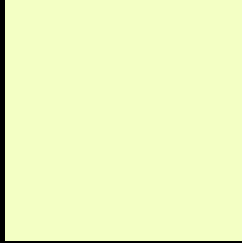
Large Text (above 18pt) WCAG AA × Fail

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 94.5602, 0.3398, 0.3886 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

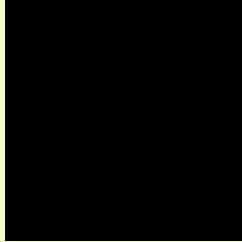
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

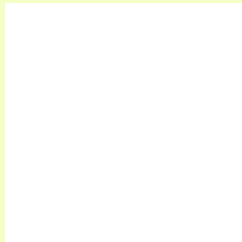
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.5602, 0.3398, 0.3886

Background



This preview shows how black text looks on a background with the Yxy color 94.5602, 0.3398, 0.3886.

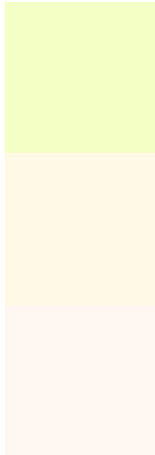


This preview shows how white text looks on a background with the Yxy color 94.5602, 0.3398, 0.3886.

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

94.5602, 0.3398, 0.3886

Protanopia

94.7245, 0.3280, 0.3475

Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

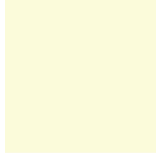
94.6788, 0.3099, 0.3223

Trichromacy



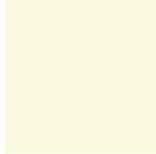
Original Color

94.5602, 0.3398, 0.3886



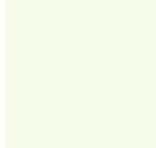
Protanomaly

94.5655, 0.3324, 0.3616



Deuteranomaly

94.3167, 0.3283, 0.3536



Tritanomaly

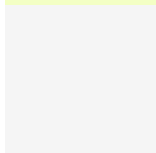
94.7090, 0.3202, 0.3458

Monochromacy



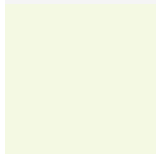
Original Color

94.5602, 0.3398, 0.3886



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.5305, 0.3226, 0.3510

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5602, 0.3398, 0.3886 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(243, 255, 196)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 196)  
}
```

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(243, 255, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 196) }
```

Border

The CSS property to change the border of an element to Yxy 94.5602, 0.3398, 0.3886 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(243, 255, 196) }
```

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

```
.border{ border-color:rgb(243, 255, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 196);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
196) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5602, 0.3398, 0.3886 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 196) }
```

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

```
.background{ background-color: rgb(243,  
255, 196) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor