

Converting Colors

$Yxy(94.6801, 0.3380, 0.3856)$

Have a look what the booklet for
Yxy(94.6801, 0.3380, 0.3856)
contains.

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Color

Yxy(94.6982, 0.3380, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFC7
RGB	243, 255, 199
RGB Percent	95%, 100%, 78%
CMY	0.0470, 0.0000, 0.2197
CMYK	0.05, 0.00, 0.22, 0.00
HSL	73°, 100%, 89%
HSV	73°, 22%, 100%
XYZ	83.0298, 94.6982, 67.9223
YIQ	245.0280, 10.8240, -19.9600

Conversions

Conversions Part 2

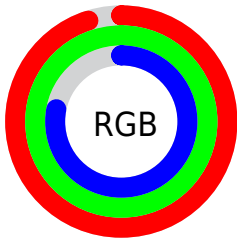
Format	Color
R _Y B	199, 255, 211
Decimal	15990727
CIE Lab	97.91, -13.03, 25.51
CIE LCh	98, 28.648, 117.058
Yxy	94.6982, 0.3380, 0.3855
Android (android.graphics.Color)	4294180807 (0xFFFF3FFC7)
YUV	245.0280, -22.6918, -1.7786
Hunter-Lab	97.3130, -17.9972, 26.7360

Details

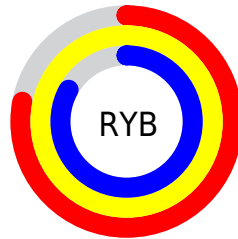
The Yxy color **94.6982, 0.3380, 0.3855** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.9036, 0.2836, 0.2687**, and the grayscale version is **91.5123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8716, 0.3425, 0.3975** is the 20% darker color. If you saturate the color by 10%, you get **92.6540, 0.3493, 0.4125**, and if you desaturate by 10%, it is **96.9694, 0.3264, 0.3591**.

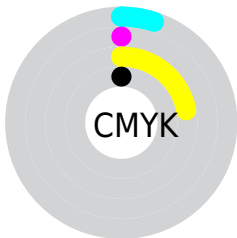
Distribution



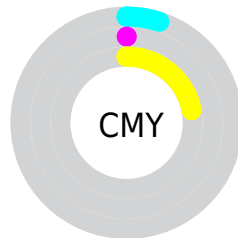
- Red (95%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (83%)



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6982, 0.3380, 0.3855 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 94.6982, 0.3380, 0.3855 by changing the saturation by 10% instead.


 94.6982, 0.3380,
0.3855

 94.6982, 0.3380,
0.3855


543.1983, 0.3272,
0.3600

 71.8838, 0.3402,
0.3911


153.8476, 0.3344,
0.3768

 53.0638, 0.3429,
0.3980

190.9514, 0.3330,
0.3734

 37.8537, 0.3461,
0.4065


233.5871, 0.3317,
0.3704

 25.8691, 0.3500,
0.4174

282.1391, 0.3306,
0.3678

 16.7258, 0.3549,
0.4318

336.9919, 0.3296,
0.3655

 10.0392, 0.3609,
0.4514

398.5297, 0.3287,

 5.4249, 0.3681,

0.3635

0.4797

467.1371, 0.3279,
0.3617

■ 2.4987, 0.3844,
0.5352

■ 0.8760, 0.3700,
0.6300

■ 94.6982, 0.3380,
0.3855

■ 94.6982, 0.3380,
0.3855

■ 92.6540, 0.3493,
0.4125

■ 96.9694, 0.3264,
0.3591


■ 90.8272, 0.3597,
0.4391


■ 99.4777, 0.3149,
0.3338


■ 89.2066, 0.3688,
0.4643

100.0000, 0.3127,
0.3290

■ 87.7802, 0.3761,
0.4870

 86.5345, 0.3810,
0.5061

 85.4540, 0.3833,
0.5207

 84.5201, 0.3829,
0.5305

 83.8537, 0.3812,
0.5355

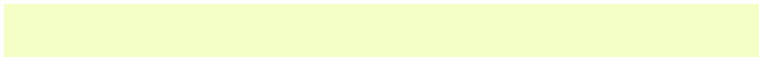
Harmonies

Analogous

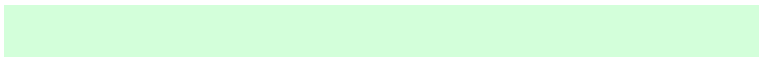
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6982, 0.3635, 0.3791



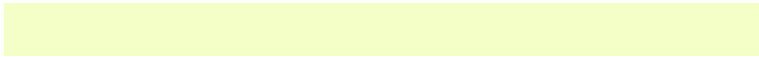
94.6982, 0.3380, 0.3855



94.6982, 0.3065, 0.3749

Triad

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



94.6982, 0.3380, 0.3855



94.6982, 0.2536, 0.2939



94.6982, 0.3477, 0.3086

Complementary

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



94.6982, 0.3380, 0.3855



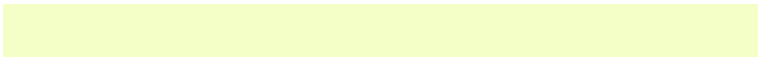
61.9036, 0.2836, 0.2687

Split Complementary

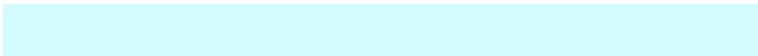
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.6982, 0.3165, 0.2885



94.6982, 0.3380, 0.3855



94.6982, 0.2632, 0.2794

Square

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



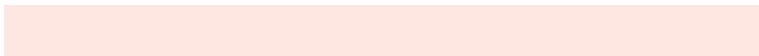
94.6982, 0.3380, 0.3855



94.6982, 0.2587, 0.3195



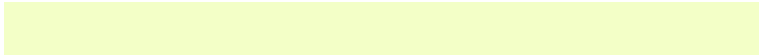
94.6982, 0.2857, 0.2779



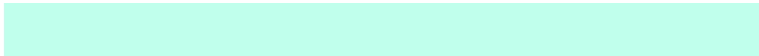
94.6982, 0.3697, 0.3342

Rectangle

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



94.6982, 0.3380, 0.3855



94.6982, 0.2865, 0.3593



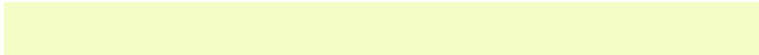
94.6982, 0.2857, 0.2779



94.6982, 0.3378, 0.3011

Sweetspot

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



94.6980, 0.3380, 0.3855



98.1854, 0.3207, 0.3463



71.5671, 0.3552, 0.3406



20.9834, 0.3214, 0.3479



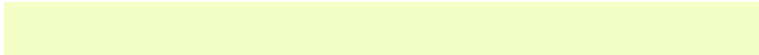
0.0000, 0.0000, 0.0000



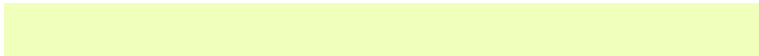
21.4041, 0.3127, 0.3290

Same Dimension

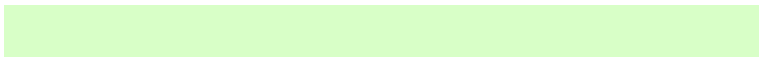
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6980, 0.3380, 0.3855



93.8471, 0.3426, 0.3963



90.2091, 0.3203, 0.3888



20.8829, 0.3236, 0.3527



43.8828, 0.3818, 0.5350



4.3193, 0.3863, 0.5315

Inverse Universe

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



61.9036, 0.2836, 0.2687



56.1684, 0.2773, 0.2562



66.2689, 0.3030, 0.2721



17.5652, 0.3012, 0.3047



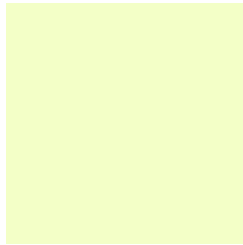
4.2431, 0.1609, 0.0660



0.4579, 0.1711, 0.0716

Previews

White Background



This preview shows how the Yxy color 94.6982, 0.3380, 0.3855 looks on a white background.

Color Contrast Check

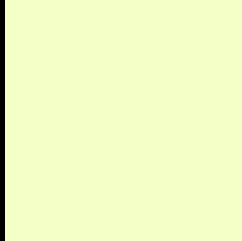
Large Text (above 18pt) WCAG AA × Fail

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 94.6982, 0.3380, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

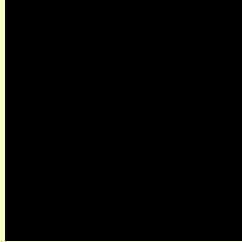
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

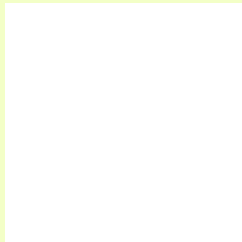
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.6982, 0.3380, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 94.6982, 0.3380, 0.3855.

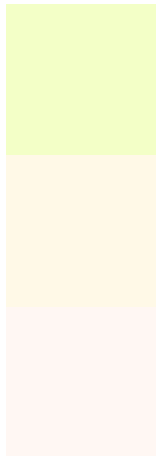


This preview shows how white text looks on a background with the Yxy color 94.6982, 0.3380, 0.3855.

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

94.6982, 0.3380, 0.3855

Protanopia

94.7809, 0.3274, 0.3466

Deuteranopia

94.2526, 0.3203, 0.3329

Tritanopia

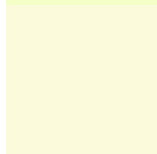
94.6788, 0.3099, 0.3223

Trichromacy



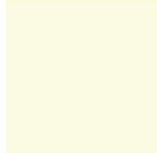
Original Color

94.6982, 0.3380, 0.3855



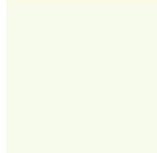
Protanomaly

94.6181, 0.3318, 0.3606



Deuteranomaly

94.4265, 0.3271, 0.3516



Tritanomaly

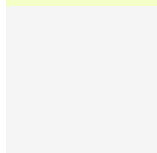
94.7667, 0.3196, 0.3448

Monochromacy



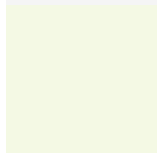
Original Color

94.6982, 0.3380, 0.3855



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.5859, 0.3220, 0.3500

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6982, 0.3380, 0.3855 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(243, 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(243, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 199) }
```

Border

The CSS property to change the border of an element to Yxy 94.6982, 0.3380, 0.3855 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, 199) }
```

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

```
.border{ border-color:rgb(243, 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(243, 255, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6982, 0.3380, 0.3855 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, 199) }
```

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

```
.background{ background-color: rgb(243,  
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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