

Converting Colors

$Y_{xy}(100.0000, 0.3354, 0.3948)$

Have a look what the booklet for
Yxy(100.0000, 0.3354, 0.3948)
contains.

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Color

Yxy(94.1225, 0.3366, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	F0FFC6
RGB	240, 255, 198
RGB Percent	94%, 100%, 78%
CMY	0.0588, 0.0000, 0.2236
CMYK	0.06, 0.00, 0.22, 0.00
HSL	76°, 100%, 89%
HSV	76°, 22%, 100%
XYZ	81.8858, 94.1225, 67.2651
YIQ	244.0170, 9.3570, -20.9070

Conversions

Conversions Part 2

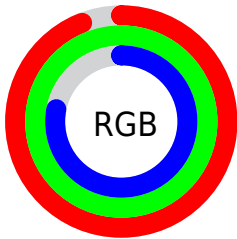
Format	Color
R_{YB}	198, 255, 213
Decimal	15794118
CIE _{Lab}	97.68, -14.24, 25.67
CIE _{LCh}	98, 29.352, 119.022
Yxy	94.1225, 0.3366, 0.3869
Android (android.graphics.Color)	4293984198 (0xFFFF0FFC6)
YUV	244.0170, -22.6864, -3.5229
Hunter-Lab	97.0168, -19.1185, 26.8039

Details

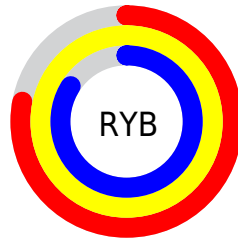
The Yxy color **94.1225, 0.3366, 0.3869** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.7432, 0.2849, 0.2679**, and the grayscale version is **90.6578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.5921, 0.3415, 0.3992** is the 20% darker color. If you saturate the color by 10%, you get **91.8896, 0.3470, 0.4143**, and if you desaturate by 10%, it is **96.5948, 0.3259, 0.3602**.

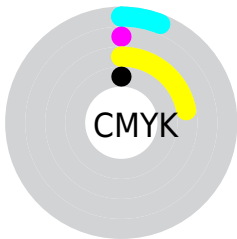
Distribution



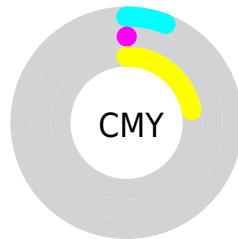
- Red (94%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (84%)



- Cyan (6%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (6%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.1225, 0.3366, 0.3869 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 94.1225, 0.3366, 0.3869 by changing the saturation by 10% instead.


 94.1225, 0.3366,
0.3869

 94.1225, 0.3366,
0.3869


541.3519, 0.3265,
0.3607

 71.4048, 0.3387,
0.3927


153.0517, 0.3333,
0.3780

 52.6726, 0.3412,
0.3998


190.0321, 0.3319,
0.3744

 37.5415, 0.3442,
0.4086


232.5355, 0.3307,
0.3714

 25.6270, 0.3478,
0.4199

280.9464, 0.3297,
0.3687

 16.5448, 0.3522,
0.4348

335.6491, 0.3287,
0.3664

 9.9105, 0.3576,
0.4553

397.0279, 0.3279,

 5.3397, 0.3640,

0.3643

0.4848

465.4674, 0.3271,
0.3624

■ 2.4479, 0.3800,
0.5450

■ 0.8504, 0.3514,
0.6486

■ 94.1225, 0.3366,
0.3869

■ 94.1225, 0.3366,
0.3869

■ 91.8896, 0.3470,
0.4143

■ 96.5948, 0.3259,
0.3602

■ 89.8889, 0.3565,
0.4415

■ 99.3193, 0.3152,
0.3348

■ 88.1080, 0.3646,
0.4675

100.0000, 0.3127,
0.3290

■ 86.5348, 0.3709,
0.4911

■ 85.1553, 0.3748,
0.5110

■ 83.9537, 0.3762,
0.5265

■ 82.9110, 0.3749,
0.5370

■ 82.2001, 0.3726,
0.5423

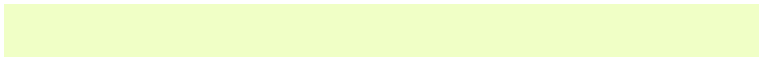
Harmonies

Analogous

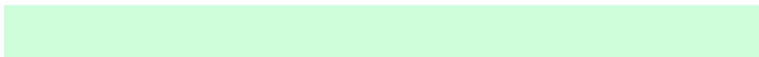
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1225, 0.3635, 0.3813



94.1225, 0.3366, 0.3869



94.1225, 0.3042, 0.3749

Triad

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



94.1225, 0.3366, 0.3869



94.1225, 0.2523, 0.2916



94.1225, 0.3505, 0.3097

Complementary

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



94.1225, 0.3366, 0.3869



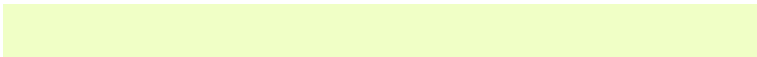
61.7432, 0.2849, 0.2679

Split Complementary

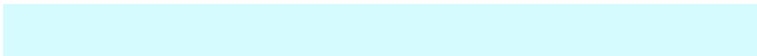
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1225, 0.3188, 0.2886



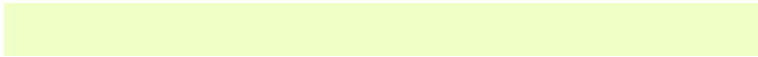
94.1225, 0.3366, 0.3869



94.1225, 0.2630, 0.2776

Square

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



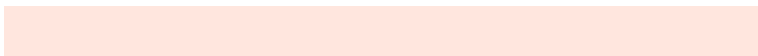
94.1225, 0.3366, 0.3869



94.1225, 0.2566, 0.3172



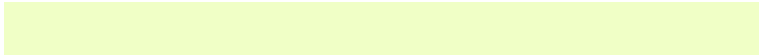
94.1225, 0.2869, 0.2769



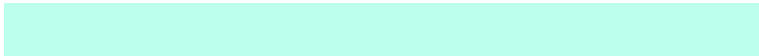
94.1225, 0.3722, 0.3360

Rectangle

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



94.1225, 0.3366, 0.3869



94.1225, 0.2840, 0.3583



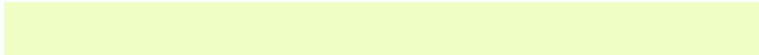
94.1225, 0.2869, 0.2769



94.1225, 0.3406, 0.3019

Sweetspot

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



94.1214, 0.3366, 0.3869



98.0234, 0.3201, 0.3464



72.5414, 0.3555, 0.3437



20.9458, 0.3208, 0.3479



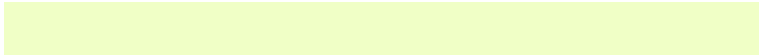
0.0000, 0.0000, 0.0000



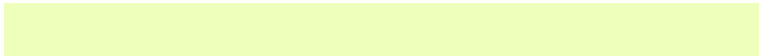
21.4041, 0.3127, 0.3290

Same Dimension

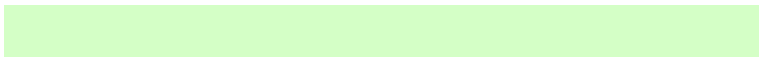
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1214, 0.3366, 0.3869



93.0565, 0.3415, 0.3996



89.6285, 0.3186, 0.3903



20.8362, 0.3228, 0.3528



43.0276, 0.3734, 0.5417



4.2425, 0.3788, 0.5374

Inverse Universe

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



61.7432, 0.2849, 0.2679



55.2757, 0.2781, 0.2536



66.2557, 0.3048, 0.2714



17.6088, 0.3020, 0.3047



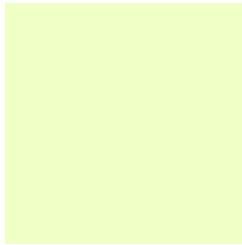
4.4588, 0.1657, 0.0687



0.4844, 0.1769, 0.0748

Previews

White Background



This preview shows how the Yxy color 94.1225, 0.3366, 0.3869 looks on a white background.

Color Contrast Check

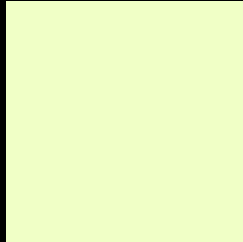
Large Text (above 18pt) WCAG AA × Fail

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 94.1225, 0.3366, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

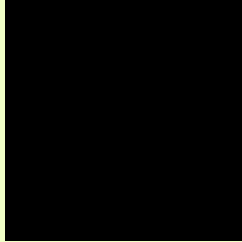
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

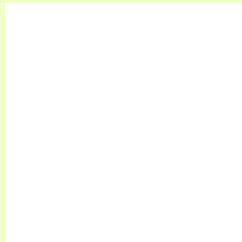
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1225, 0.3366, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 94.1225, 0.3366, 0.3869.

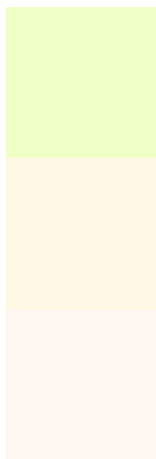


This preview shows how white text looks on a background with the Yxy color 94.1225, 0.3366, 0.3869.

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

94.1225, 0.3366, 0.3869

Protanopia

93.9962, 0.3293, 0.3486

Deuteranopia

94.1324, 0.3215, 0.3348

Tritanopia

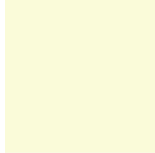
93.8813, 0.3093, 0.3213

Trichromacy



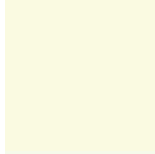
Original Color

94.1225, 0.3366, 0.3869



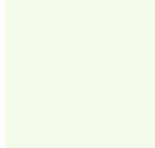
Protanomaly

94.3281, 0.3324, 0.3627



Deuteranomaly

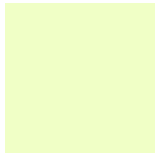
94.1315, 0.3276, 0.3537



Tritanomaly

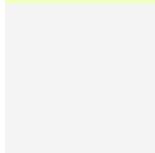
93.9046, 0.3196, 0.3448

Monochromacy



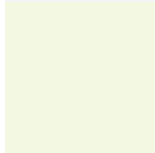
Original Color

94.1225, 0.3366, 0.3869



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.7355, 0.3220, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1225, 0.3366, 0.3869 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(240, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(240, 255, 198)  
}
```

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(240, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 255, 198) }
```

Border

The CSS property to change the border of an element to Yxy 94.1225, 0.3366, 0.3869 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(240, 255, 198) }
```

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

```
.border{ border-color:rgb(240, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(240, 255,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1225, 0.3366, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 255, 198) }
```

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

```
.background{ background-color: rgb(240,  
255, 198) }
```

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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