

Converting Colors

$Yxy(93.9794, 0.3401, 0.3859)$

Have a look what the booklet for
Yxy(93.9794, 0.3401, 0.3859)
contains.

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Color

Yxy(94.1479, 0.3400, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	F4FEC5
RGB	244, 254, 197
RGB Percent	96%, 100%, 77%
CMY	0.0432, 0.0039, 0.2275
CMYK	0.04, 0.00, 0.22, 0.00
HSL	71°, 97%, 88%
HSV	71°, 22%, 100%
XYZ	82.8209, 94.1479, 66.6221
YIQ	244.5120, 12.3370, -19.8470

Conversions

Conversions Part 2

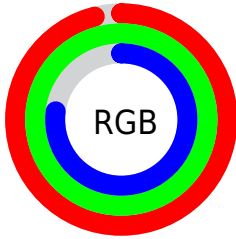
Format	Color
RYB	197, 254, 207
Decimal	16056005
CIELab	97.69, -12.48, 26.23
CIELCh	98, 29.046, 115.445
Yxy	94.1479, 0.3400, 0.3865
Android (android.graphics.Color)	4294246085 (0xFFFF4FEC5)
YUV	244.5120, -23.4234, -0.4490
Hunter-Lab	97.0298, -17.4415, 27.2115

Details

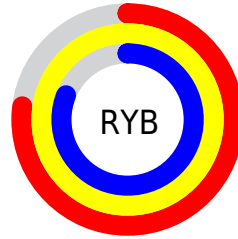
The Yxy color **94.1479, 0.3400, 0.3865** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.3526, 0.2814, 0.2670**, and the grayscale version is **91.0817, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **52.4805, 0.3451, 0.3987** is the 20% darker color. If you saturate the color by 10%, you get **92.2942, 0.3519, 0.4131**, and if you desaturate by 10%, it is **96.2256, 0.3278, 0.3602**.

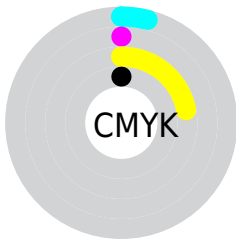
Distribution



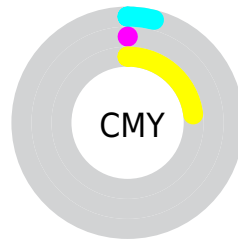
- Red (96%)
- Green (100%)
- Blue (77%)



- Red (77%)
- Yellow (100%)
- Blue (81%)



- Cyan (4%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)




- Cyan (4%)
- Magenta (0%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.1479, 0.3400, 0.3865 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 94.1479, 0.3400, 0.3865 by changing the saturation by 10% instead.


 94.1479, 0.3400,
0.3865

 94.1479, 0.3400,
0.3865


541.4335, 0.3283,
0.3606

 71.4260, 0.3424,
0.3922

153.0869, 0.3361,
0.3777

 52.6899, 0.3453,
0.3992


190.0727, 0.3346,
0.3742

 37.5553, 0.3488,
0.4079


232.5820, 0.3332,
0.3712

 25.6377, 0.3531,
0.4189

280.9990, 0.3320,
0.3685

 16.5528, 0.3584,
0.4335

335.7083, 0.3309,
0.3662

 9.9162, 0.3649,
0.4534

397.0942, 0.3300,

 5.3434, 0.3728,

0.3641

0.4819

465.5412, 0.3291,
0.3623

■ 2.4501, 0.3928,
0.5412

■ 0.8515, 0.3721,
0.6279

■ 94.1479, 0.3400,
0.3865

■ 94.1479, 0.3400,
0.3865

■ 92.2942, 0.3519,
0.4131

■ 96.2256, 0.3278,
0.3602


■ 90.6419, 0.3630,
0.4392

■ 98.5239, 0.3156,
0.3350


■ 89.1844, 0.3728,
0.4637


■ 99.3722, 0.3128,
0.3281

■ 87.9098, 0.3806,
0.4855

 86.8049, 0.3861,
0.5035

 85.8541, 0.3889,
0.5171

 85.0391, 0.3891,
0.5260

 84.4929, 0.3880,
0.5302

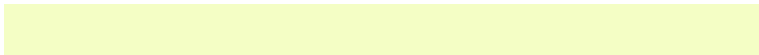
Harmonies

Analogous

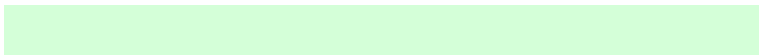
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1479, 0.3654, 0.3791



94.1479, 0.3400, 0.3865



94.1479, 0.3081, 0.3767

Triad

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



94.1479, 0.3400, 0.3865



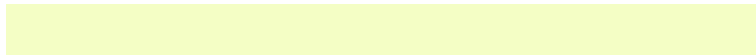
94.1479, 0.2526, 0.2945



94.1479, 0.3467, 0.3070

Complementary

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



94.1479, 0.3400, 0.3865



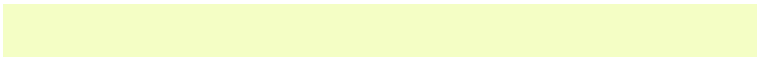
60.3526, 0.2814, 0.2670

Split Complementary

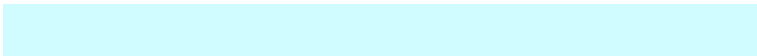
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



94.1479, 0.3148, 0.2871



94.1479, 0.3400, 0.3865



94.1479, 0.2615, 0.2791

Square

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



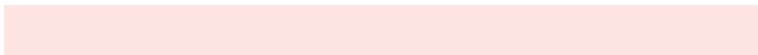
94.1479, 0.3400, 0.3865



94.1479, 0.2586, 0.3209



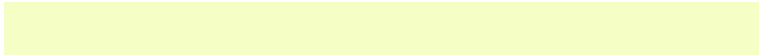
94.1479, 0.2838, 0.2769



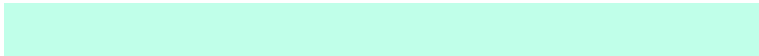
94.1479, 0.3698, 0.3328

Rectangle

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



94.1479, 0.3400, 0.3865



94.1479, 0.2876, 0.3613



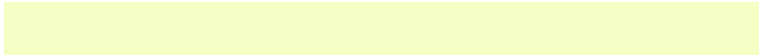
94.1479, 0.2838, 0.2769



94.1479, 0.3365, 0.2995

Sweetspot

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



94.1521, 0.3400, 0.3865



98.3123, 0.3211, 0.3463



69.4842, 0.3568, 0.3389



21.0129, 0.3219, 0.3478



0.0000, 0.0000, 0.0000



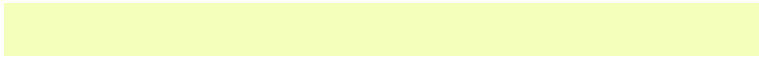
21.4041, 0.3127, 0.3290

Same Dimension

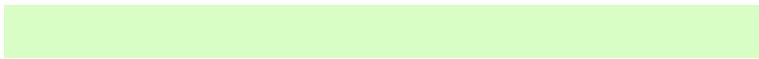
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1521, 0.3400, 0.3865



94.1055, 0.3455, 0.3986



89.5213, 0.3217, 0.3900



20.9196, 0.3242, 0.3527



44.5986, 0.3885, 0.5297



4.3829, 0.3922, 0.5268

Inverse Universe

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



60.3526, 0.2814, 0.2670



54.4431, 0.2738, 0.2527



64.7468, 0.3013, 0.2705



17.5314, 0.3006, 0.3046



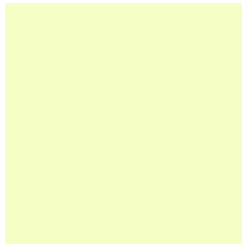
4.1069, 0.1578, 0.0643



0.4400, 0.1670, 0.0694

Previews

White Background



This preview shows how the Yxy color 94.1479, 0.3400, 0.3865 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 94.1479, 0.3400, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

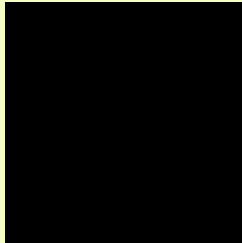
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

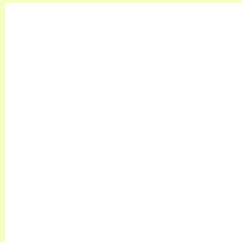
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.1479, 0.3400, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 94.1479, 0.3400, 0.3865.

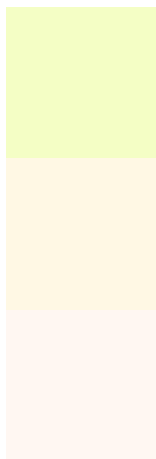


This preview shows how white text looks on a background with the Yxy color 94.1479, 0.3400, 0.3865.

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

94.1479, 0.3400, 0.3865

Protanopia

93.9962, 0.3293, 0.3486

Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

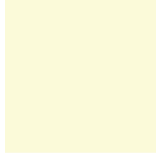
94.0655, 0.3099, 0.3213

Trichromacy



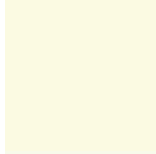
Original Color

94.1479, 0.3400, 0.3865



Protanomaly

93.8902, 0.3332, 0.3617



Deuteranomaly

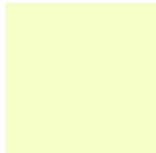
94.3714, 0.3277, 0.3526



Tritanomaly

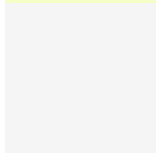
94.2682, 0.3209, 0.3448

Monochromacy



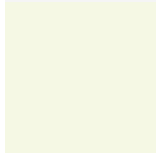
Original Color

94.1479, 0.3400, 0.3865



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.1487, 0.3227, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1479, 0.3400, 0.3865 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(244, 254, 197)` looks like.

```
.text, #text, p{  
    color:rgb(244, 254, 197)  
}
```

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(244, 254, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 254, 197) }
```

Border

The CSS property to change the border of an element to Yxy 94.1479, 0.3400, 0.3865 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(244, 254, 197) }
```

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

```
.border{ border-color:rgb(244, 254, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 254, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 254, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 254, 197);  
box-shadow:4px 4px 4px 4px rgb(244, 254,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1479, 0.3400, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 254, 197) }
```

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

```
.background{ background-color: rgb(244,  
254, 197) }
```

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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