

Converting Colors

$Yxy(94.2498, 0.3433, 0.3934)$

Have a look what the booklet for
Yxy(94.2498, 0.3433, 0.3934)
contains.

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Color

Yxy(94.5147, 0.3434, 0.3935)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFBF
RGB	244, 255, 191
RGB Percent	96%, 100%, 75%
CMY	0.0430, 0.0000, 0.2509
CMYK	0.04, 0.00, 0.25, 0.00
HSL	70°, 100%, 87%
HSV	70°, 25%, 100%
XYZ	82.4812, 94.5147, 63.1939
YIQ	244.4150, 13.9880, -22.2360

Conversions

Conversions Part 2

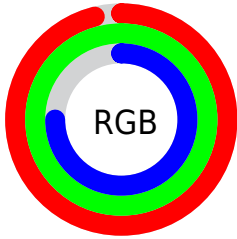
Format	Color
R_{YB}	191, 255, 202
Decimal	16056255
CIE _{Lab}	97.84, -13.77, 29.45
CIE _{LCh}	98, 32.507, 115.061
Yxy	94.5147, 0.3434, 0.3935
Android (android.graphics.Color)	4294246335 (0xFFFF4FFBF)
YUV	244.4150, -26.3336, -0.3640
Hunter-Lab	97.2187, -18.6917, 29.5135

Details

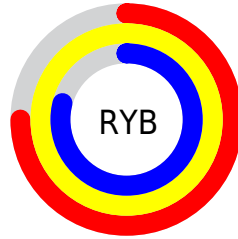
The Yxy color **94.5147, 0.3434, 0.3935** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.0423, 0.2768, 0.2587**, and the grayscale version is **91.0302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **52.7591, 0.3492, 0.4076** is the 20% darker color. If you saturate the color by 10%, you get **92.7193, 0.3552, 0.4200**, and if you desaturate by 10%, it is **96.5325, 0.3311, 0.3671**.

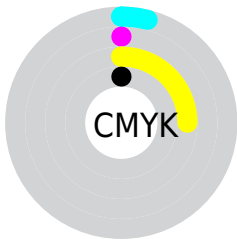
Distribution



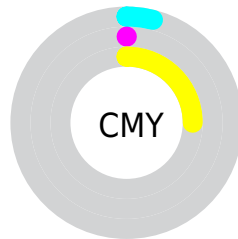
- Red (96%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (25%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.5147, 0.3434, 0.3935 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 94.5147, 0.3434, 0.3935 by changing the saturation by 10% instead.


 94.5147, 0.3434,
0.3935

 94.5147, 0.3434,
0.3935


542.6102, 0.3304,
0.3644

 71.7311, 0.3461,
0.3999


 153.5940, 0.3391,
0.3836

 52.9391, 0.3493,
0.4077


190.6585, 0.3374,
0.3797

 37.7541, 0.3531,
0.4174


233.2520, 0.3358,
0.3763

 25.7919, 0.3577,
0.4297

281.7591, 0.3345,
0.3733

 16.6680, 0.3633,
0.4459

336.5641, 0.3333,
0.3707

 9.9981, 0.3701,
0.4678

398.0513, 0.3322,

 5.3977, 0.3778,

0.3684

0.4987

466.6052, 0.3312,
0.3663

■ 2.4824, 0.4050,
0.5738

■ 0.8678, 0.3603,
0.6397

■ 94.5147, 0.3434,
0.3935

■ 94.5147, 0.3434,
0.3935

■ 92.7193, 0.3552,
0.4200

■ 96.5325, 0.3311,
0.3671


■ 91.1235, 0.3661,
0.4457


■ 98.7696, 0.3189,
0.3415

■ 89.7202, 0.3755,
0.4695


99.9980, 0.3127,
0.3290

■ 88.4972, 0.3828,
0.4903

 87.4404, 0.3877,
0.5071

 86.5338, 0.3899,
0.5194

 85.7574, 0.3896,
0.5270

 85.4100, 0.3888,
0.5295

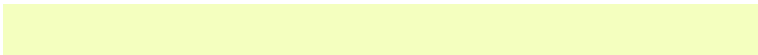
Harmonies

Analogous

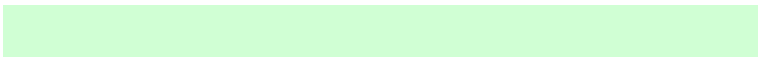
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5147, 0.3718, 0.3845



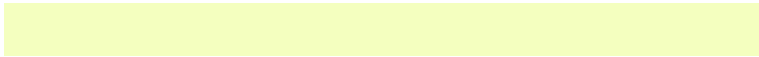
94.5147, 0.3434, 0.3935



94.5147, 0.3078, 0.3829

Triad

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



94.5147, 0.3434, 0.3935



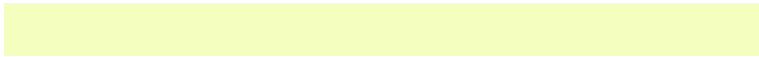
94.5147, 0.2459, 0.2906



94.5147, 0.3502, 0.3042

Complementary

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



94.5147, 0.3434, 0.3935



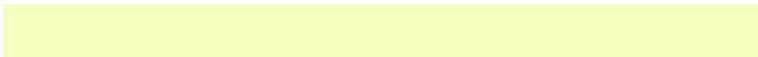
57.0423, 0.2768, 0.2587

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.



94.5147, 0.3144, 0.2823



94.5147, 0.3434, 0.3935



94.5147, 0.2556, 0.2735

Square

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



94.5147, 0.3434, 0.3935



94.5147, 0.2527, 0.3201



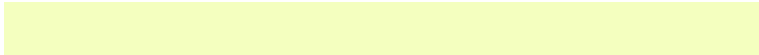
94.5147, 0.2800, 0.2711



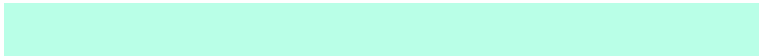
94.5147, 0.3764, 0.3325

Rectangle

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



94.5147, 0.3434, 0.3935



94.5147, 0.2850, 0.3657



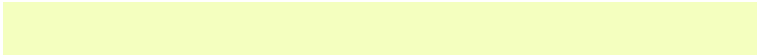
94.5147, 0.2800, 0.2711



94.5147, 0.3388, 0.2959

Sweetspot

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



94.5189, 0.3434, 0.3935



98.0979, 0.3224, 0.3488



67.1124, 0.3634, 0.3402



20.9240, 0.3242, 0.3527



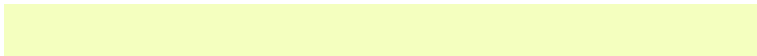
0.0000, 0.0000, 0.0000



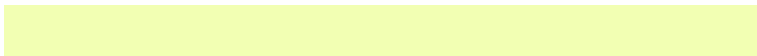
21.4041, 0.3127, 0.3290

Same Dimension

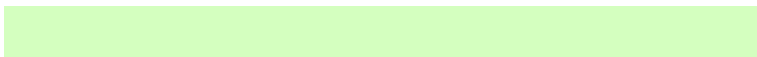
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5189, 0.3434, 0.3935



93.6120, 0.3493, 0.4066



89.3283, 0.3226, 0.3980



20.9240, 0.3242, 0.3527



44.6877, 0.3893, 0.5291



4.3908, 0.3929, 0.5262

Inverse Universe

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



57.0423, 0.2768, 0.2587



50.4160, 0.2684, 0.2429



61.9249, 0.2997, 0.2632



17.5273, 0.3005, 0.3046



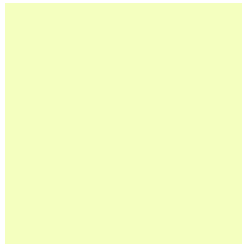
4.0923, 0.1575, 0.0641



0.4380, 0.1666, 0.0691

Previews

White Background



This preview shows how the Yxy color 94.5147, 0.3434, 0.3935 looks on a white background.

Color Contrast Check

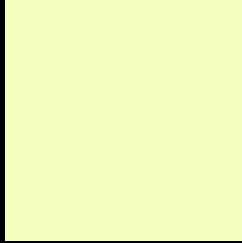
Large Text (above 18pt) WCAG AA × Fail

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 94.5147, 0.3434, 0.3935 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

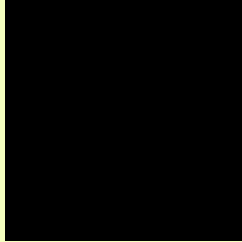
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.5147, 0.3434, 0.3935

Background



This preview shows how black text looks on a background with the Yxy color 94.5147, 0.3434, 0.3935.



This preview shows how white text looks on a background with the Yxy color 94.5147, 0.3434, 0.3935.

Color Blindness Simulation

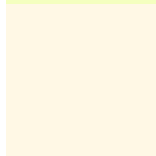
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



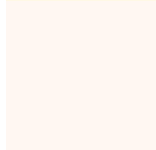
Original Color

94.5147, 0.3434, 0.3935



Protanopia

94.0519, 0.3287, 0.3476



Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

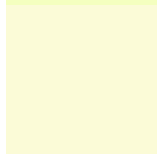
94.2508, 0.3105, 0.3213

Trichromacy



Original Color

94.5147, 0.3434, 0.3935



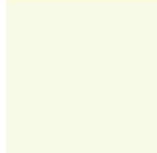
Protanomaly

94.4099, 0.3343, 0.3646



Deuteranomaly

94.2082, 0.3295, 0.3556



Tritanomaly

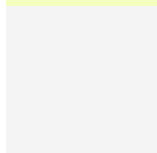
94.1539, 0.3221, 0.3468

Monochromacy



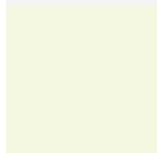
Original Color

94.5147, 0.3434, 0.3935



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.8041, 0.3239, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5147, 0.3434, 0.3935 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, 255, 191)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 191)  
}
```

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, 255, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 191) }
```

Border

The CSS property to change the border of an element to Yxy 94.5147, 0.3434, 0.3935 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, 255, 191) }
```

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

```
.border{ border-color:rgb(244, 255, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 255, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 191);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5147, 0.3434, 0.3935 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 191) }
```

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

```
.background{ background-color: rgb(244,  
255, 191) }
```

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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