

Converting Colors

$Yxy(94.2923, 0.3403, 0.3907)$

Have a look what the booklet for
Yxy(94.2923, 0.3403, 0.3907)
contains.

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Color

Yxy(94.2923, 0.3403, 0.3907)

Conversions

Conversions Part 1

Format	Color
Hex	F2FFC2
RGB	242, 255, 194
RGB Percent	95%, 100%, 76%
CMY	0.0508, 0.0000, 0.2391
CMYK	0.05, 0.00, 0.24, 0.00
HSL	73°, 100%, 88%
HSV	73°, 24%, 100%
XYZ	82.1287, 94.2923, 64.9210
YIQ	244.1590, 11.8330, -21.7270

Conversions

Conversions Part 2

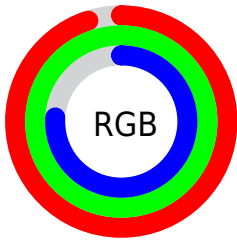
Format	Color
RYB	194, 255, 207
Decimal	15925186
CIELab	97.75, -14.06, 27.79
CIELCh	98, 31.143, 116.847
Yxy	94.2923, 0.3403, 0.3907
Android (android.graphics.Color)	4294115266 (0xFFFF2FFC2)
YUV	244.1590, -24.7284, -1.8934
Hunter-Lab	97.1042, -18.9609, 28.3334

Details

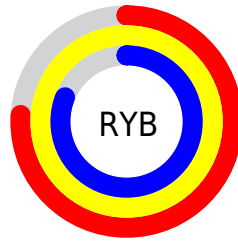
The Yxy color **94.2923, 0.3403, 0.3907** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.0726, 0.2805, 0.2628**, and the grayscale version is **90.8043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **52.5959, 0.3453, 0.4042** is the 20% darker color. If you saturate the color by 10%, you get **92.3029, 0.3515, 0.4177**, and if you desaturate by 10%, it is **96.5150, 0.3287, 0.3641**.

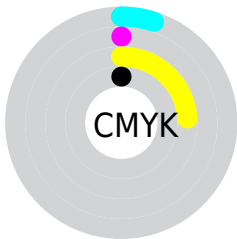
Distribution



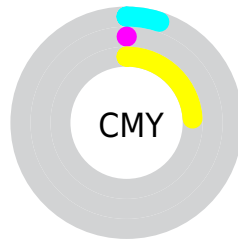
- Red (95%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (81%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)



- Cyan (5%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.2923, 0.3403, 0.3907 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 94.2923, 0.3403, 0.3907 by changing the saturation by 10% instead.


 94.2923, 0.3403,
0.3907

 94.2923, 0.3403,
0.3907


541.8969, 0.3286,
0.3629

 71.5461, 0.3427,
0.3969


153.2865, 0.3364,
0.3812

 52.7880, 0.3456,
0.4044


190.3033, 0.3349,
0.3775

 37.6335, 0.3490,
0.4137


232.8458, 0.3335,
0.3742

 25.6984, 0.3532,
0.4256

281.2983, 0.3323,
0.3714

 16.5981, 0.3583,
0.4413

336.0453, 0.3312,
0.3689

 9.9484, 0.3644,
0.4627

397.4711, 0.3302,

 5.3648, 0.3715,

0.3666

0.4932

465.9602, 0.3294,
0.3647

■ 2.4628, 0.3935,
0.5616

■ 0.8579, 0.3550,
0.6450

■ 94.2923, 0.3403,
0.3907

■ 94.2923, 0.3403,
0.3907

■ 92.3029, 0.3515,
0.4177

■ 96.5150, 0.3287,
0.3641

■ 90.5240, 0.3618,
0.4441

■ 98.9680, 0.3172,
0.3386

■ 88.9487, 0.3706,
0.4689

99.9952, 0.3127,
0.3290

■ 87.5646, 0.3774,
0.4909

■ 86.3578, 0.3819,
0.5091

■ 85.3125, 0.3837,
0.5228

■ 84.4090, 0.3829,
0.5317

■ 83.9117, 0.3815,
0.5353

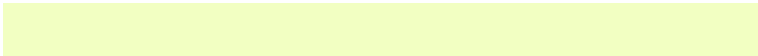
Harmonies

Analogous

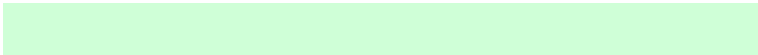
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.2923, 0.3681, 0.3833



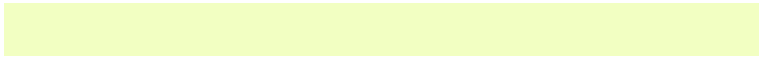
94.2923, 0.3403, 0.3907



94.2923, 0.3061, 0.3794

Triad

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



94.2923, 0.3403, 0.3907



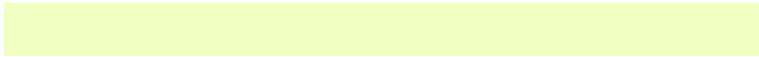
94.2923, 0.2486, 0.2908



94.2923, 0.3506, 0.3067

Complementary

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



94.2923, 0.3403, 0.3907



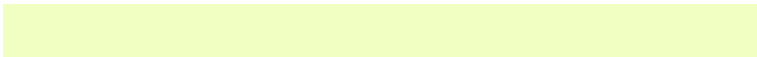
59.0726, 0.2805, 0.2628

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.



94.2923, 0.3165, 0.2851



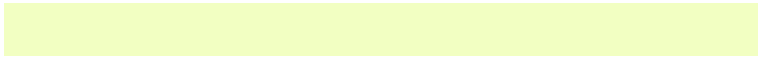
94.2923, 0.3403, 0.3907



94.2923, 0.2588, 0.2752

Square

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



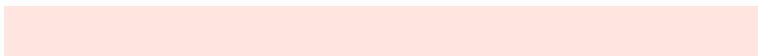
94.2923, 0.3403, 0.3907



94.2923, 0.2542, 0.3187



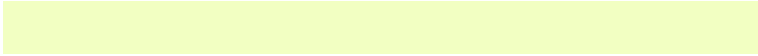
94.2923, 0.2831, 0.2736



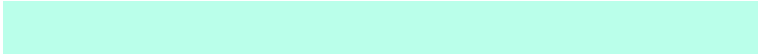
94.2923, 0.3748, 0.3342

Rectangle

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



94.2923, 0.3403, 0.3907



94.2923, 0.2844, 0.3623



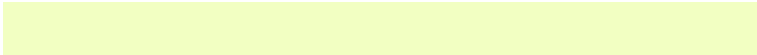
94.2923, 0.2831, 0.2736



94.2923, 0.3398, 0.2986

Sweetspot

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



94.2965, 0.3403, 0.3907



98.1914, 0.3207, 0.3463



69.4005, 0.3599, 0.3417



20.9848, 0.3214, 0.3479



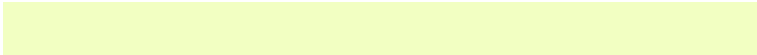
0.0000, 0.0000, 0.0000



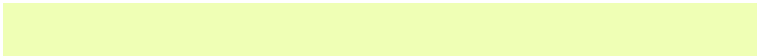
21.4041, 0.3127, 0.3290

Same Dimension

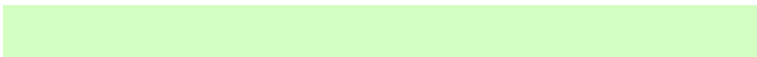
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.2965, 0.3403, 0.3907



93.2608, 0.3461, 0.4044



89.4545, 0.3209, 0.3946



20.8847, 0.3236, 0.3527



43.9157, 0.3821, 0.5348



4.3222, 0.3866, 0.5312

Inverse Universe

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



59.0726, 0.2805, 0.2628



52.1250, 0.2723, 0.2467



63.7651, 0.3019, 0.2668



17.5636, 0.3012, 0.3046



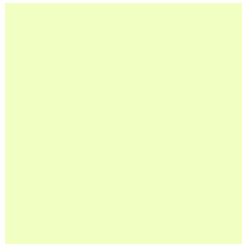
4.2360, 0.1607, 0.0659



0.4570, 0.1709, 0.0715

Previews

White Background



This preview shows how the Yxy color 94.2923, 0.3403, 0.3907 looks on a white background.

Color Contrast Check

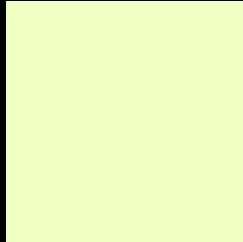
Large Text (above 18pt) WCAG AA × Fail

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 94.2923, 0.3403, 0.3907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

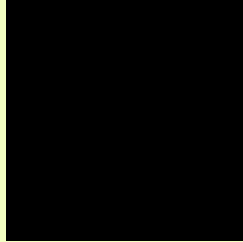
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

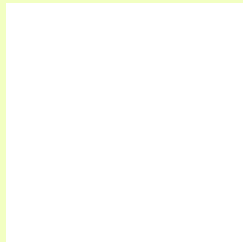
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 94.2923, 0.3403, 0.3907

Background



This preview shows how black text looks on a background with the Yxy color 94.2923, 0.3403, 0.3907.

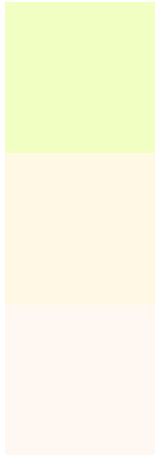


This preview shows how white text looks on a background with the Yxy color 94.2923, 0.3403, 0.3907.

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

94.2923, 0.3403, 0.3907

Protanopia

93.9962, 0.3293, 0.3486

Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

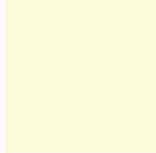
94.0655, 0.3099, 0.3213

Trichromacy



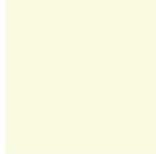
Original Color

94.2923, 0.3403, 0.3907



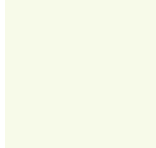
Protanomaly

94.2762, 0.3330, 0.3637



Deuteranomaly

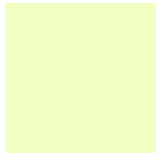
94.1315, 0.3276, 0.3537



Tritanomaly

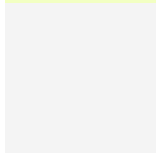
94.0286, 0.3209, 0.3458

Monochromacy



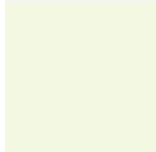
Original Color

94.2923, 0.3403, 0.3907



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.6805, 0.3226, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.2923, 0.3403, 0.3907 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(242, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(242, 255, 194)  
}
```

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(242, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 255, 194) }
```

Border

The CSS property to change the border of an element to Yxy 94.2923, 0.3403, 0.3907 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(242, 255, 194) }
```

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

```
.border{ border-color:rgb(242, 255, 194) }
```

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

Here you see how a box with a 4 pixel rgb(242, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(242, 255,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 94.2923, 0.3403, 0.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 255, 194) }
```

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

```
.background{ background-color: rgb(242,  
255, 194) }
```

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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