

Converting Colors

$Yxy(94.6136, 0.3415, 0.3905)$

Have a look what the booklet for
Yxy(94.6136, 0.3415, 0.3905)
contains.

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Color

Yxy(94.6481, 0.3416, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFC2
RGB	244, 255, 194
RGB Percent	96%, 100%, 76%
CMY	0.0433, 0.0000, 0.2393
CMYK	0.04, 0.00, 0.24, 0.00
HSL	71°, 100%, 88%
HSV	71°, 24%, 100%
XYZ	82.7959, 94.6481, 64.9327
YIQ	244.7570, 13.0250, -21.3030

Conversions

Conversions Part 2

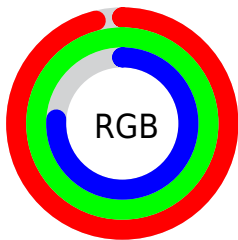
Format	Color
RYB	194, 255, 205
Decimal	16056258
CIELab	97.89, -13.39, 28.02
CIElCh	98, 31.059, 115.547
Yxy	94.6481, 0.3416, 0.3905
Android (android.graphics.Color)	4294246338 (0xFFFF4FFC2)
YUV	244.7570, -25.0232, -0.6639
Hunter-Lab	97.2873, -18.3411, 28.5290

Details

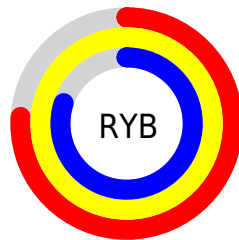
The Yxy color **94.6481, 0.3416, 0.3905** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.7772, 0.2792, 0.2625**, and the grayscale version is **91.2919, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **52.8464, 0.3470, 0.4038** is the 20% darker color. If you saturate the color by 10%, you get **92.7784, 0.3533, 0.4171**, and if you desaturate by 10%, it is **96.7224, 0.3295, 0.3641**.

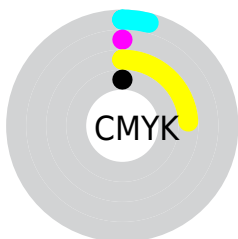
Distribution



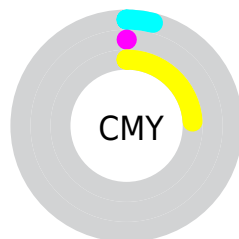
- Red (96%)
- Green (100%)
- Blue (76%)



- Red (76%)
- Yellow (100%)
- Blue (80%)



- Cyan (4%)
- Magenta (0%)
- Yellow (24%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.6481, 0.3416, 0.3905 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 94.6481, 0.3416, 0.3905 by changing the saturation by 10% instead.

 94.6481, 0.3416,
0.3905

 94.6481, 0.3416,
0.3905

543.0378, 0.3293,
0.3628

 71.8421, 0.3442,
0.3966

 153.7784, 0.3375,
0.3811

 53.0297, 0.3472,
0.4041


190.8714, 0.3359,
0.3773

 37.8265, 0.3508,
0.4133


233.4956, 0.3345,
0.3741

 25.8481, 0.3552,
0.4251

282.0354, 0.3332,
0.3713

 16.7100, 0.3606,
0.4406

336.8751, 0.3321,
0.3688

 10.0279, 0.3671,
0.4616

398.3991, 0.3310,

 5.4175, 0.3748,

0.3666

0.4915

466.9919, 0.3301,
0.3646

■ 2.4942, 0.3976,
0.5582

■ 0.8738, 0.3656,
0.6344

■ 94.6481, 0.3416,
0.3905

■ 94.6481, 0.3416,
0.3905

■ 92.7784, 0.3533,
0.4171

■ 96.7224, 0.3295,
0.3641

■ 91.1220, 0.3642,
0.4431

■ 99.0297, 0.3174,
0.3386

■ 89.6616, 0.3736,
0.4674

100.0000, 0.3127,
0.3290

■ 88.3850, 0.3810,
0.4887

■ 87.2784, 0.3860,
0.5063

■ 86.3258, 0.3884,
0.5192

■ 85.5080, 0.3882,
0.5276

■ 85.0605, 0.3871,
0.5308

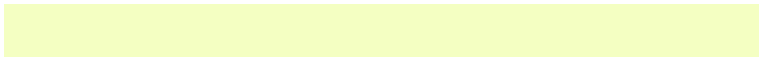
Harmonies

Analogous

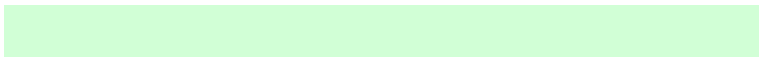
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.6481, 0.3688, 0.3824



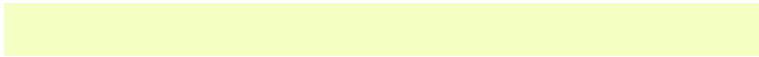
94.6481, 0.3416, 0.3905



94.6481, 0.3076, 0.3800

Triad

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



94.6481, 0.3416, 0.3905



94.6481, 0.2488, 0.2920



94.6481, 0.3491, 0.3057

Complementary

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



94.6481, 0.3416, 0.3905



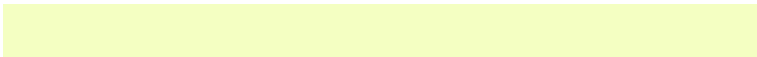
58.7772, 0.2792, 0.2625

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.



94.6481, 0.3150, 0.2845



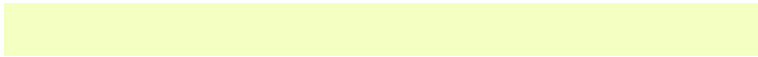
94.6481, 0.3416, 0.3905



94.6481, 0.2583, 0.2758

Square

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



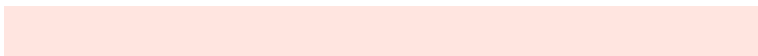
94.6481, 0.3416, 0.3905



94.6481, 0.2551, 0.3201



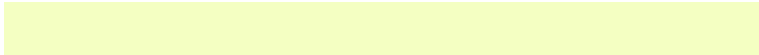
94.6481, 0.2819, 0.2736



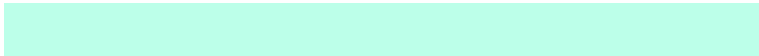
94.6481, 0.3738, 0.3329

Rectangle

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



94.6481, 0.3416, 0.3905



94.6481, 0.2858, 0.3635



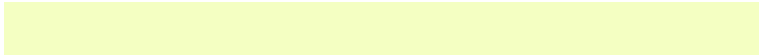
94.6481, 0.2819, 0.2736



94.6481, 0.3382, 0.2977

Sweetspot

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



94.6418, 0.3416, 0.3905



98.2963, 0.3211, 0.3463



68.4126, 0.3605, 0.3396



21.0092, 0.3218, 0.3478



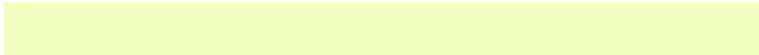
0.0000, 0.0000, 0.0000



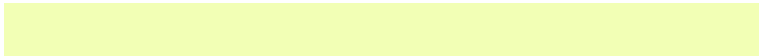
21.4041, 0.3127, 0.3290

Same Dimension

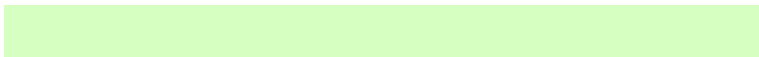
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.6418, 0.3416, 0.3905



93.6702, 0.3476, 0.4040



89.7589, 0.3222, 0.3944



20.9149, 0.3241, 0.3527



44.5061, 0.3876, 0.5304



4.3747, 0.3914, 0.5274

Inverse Universe

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



58.7772, 0.2792, 0.2625



51.8130, 0.2707, 0.2463



63.4005, 0.3004, 0.2664



17.5356, 0.3007, 0.3046



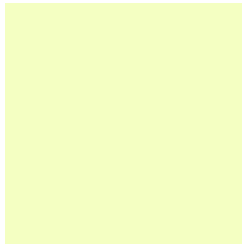
4.1226, 0.1581, 0.0645



0.4421, 0.1675, 0.0696

Previews

White Background



This preview shows how the Yxy color 94.6481, 0.3416, 0.3905 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 94.6481, 0.3416, 0.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

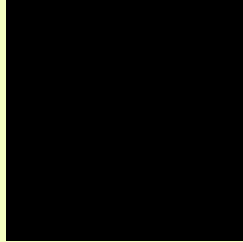
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.6481, 0.3416, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 94.6481, 0.3416, 0.3905.



This preview shows how white text looks on a background with the Yxy color 94.6481, 0.3416, 0.3905.

Color Blindness Simulation

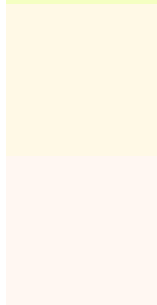
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

94.6481, 0.3416, 0.3905



Protanopia

94.7245, 0.3280, 0.3475

Deuteranopia

94.1923, 0.3209, 0.3339

Tritanopia

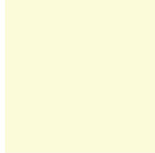
94.8640, 0.3105, 0.3223

Trichromacy



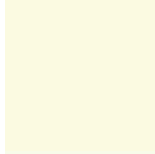
Original Color

94.6481, 0.3416, 0.3905



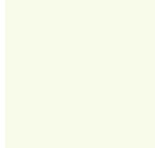
Protanomaly

94.5133, 0.3331, 0.3626



Deuteranomaly

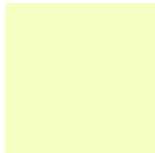
94.3167, 0.3283, 0.3536



Tritanomaly

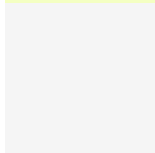
94.8340, 0.3214, 0.3467

Monochromacy



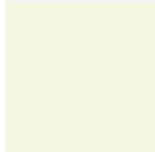
Original Color

94.6481, 0.3416, 0.3905



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.6548, 0.3239, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.6481, 0.3416, 0.3905 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(244, 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(244, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 194) }
```

Border

The CSS property to change the border of an element to Yxy 94.6481, 0.3416, 0.3905 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, 194) }
```

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

```
.border{ border-color:rgb(244, 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(244, 255, 194) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 94.6481, 0.3416, 0.3905 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, 194) }
```

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

```
.background{ background-color: rgb(244,  
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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