

Converting Colors

Yxy(93.4018, 0.3561, 0.4169)

Have a look what the booklet for
Yxy(93.4018, 0.3561, 0.4169)
contains.

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Color

Yxy(93.4018, 0.3561, 0.4169)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFA8
RGB	243, 255, 168
RGB Percent	95%, 100%, 66%
CMY	0.0472, 0.0000, 0.3413
CMYK	0.05, 0.00, 0.34, 0.00
HSL	68°, 100%, 83%
HSV	68°, 34%, 100%
XYZ	79.7802, 93.4018, 50.8568
YIQ	241.4940, 20.7750, -29.6010

Conversions

Conversions Part 2

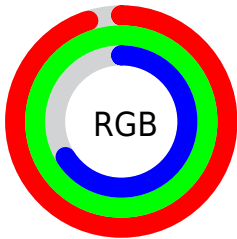
Format	Color
R_{YB}	168, 255, 180
Decimal	15990696
CIE _{Lab}	97.39, -17.10, 40.32
CIE _{LCh}	97, 43.800, 112.979
Yxy	93.4018, 0.3561, 0.4169
Android (android.graphics.Color)	4294180776 (0xFFFF3FFA8)
YUV	241.4940, -36.2325, 1.3208
Hunter-Lab	96.6446, -21.7761, 36.4513

Details

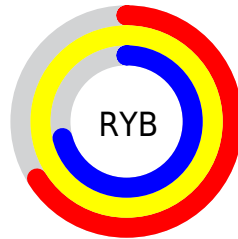
The Yxy color **93.4018, 0.3561, 0.4169** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **44.9210, 0.2590, 0.2287**, and the grayscale version is **88.6412, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **52.0651, 0.3641, 0.4354** is the 20% darker color. If you saturate the color by 10%, you get **91.9155, 0.3677, 0.4423**, and if you desaturate by 10%, it is **95.0740, 0.3436, 0.3907**.

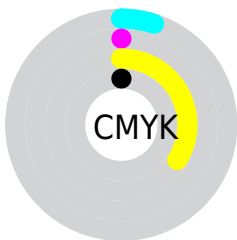
Distribution



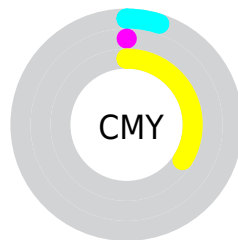
- Red (95%)
- Green (100%)
- Blue (66%)



- Red (66%)
- Yellow (100%)
- Blue (71%)



- Cyan (5%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)





- Cyan (5%)
- Magenta (0%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.4018, 0.3561, 0.4169 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 93.4018, 0.3561, 0.4169 by changing the saturation by 10% instead.


 93.4018, 0.3561,
0.4169


 93.4018, 0.3561,
0.4169


539.0358, 0.3380,
0.3773

 70.8055, 0.3597,
0.4256

 152.0548, 0.3502,
0.4034

 52.1835, 0.3639,
0.4361


 188.8802, 0.3478,
0.3981

 37.1514, 0.3688,
0.4491

231.2176, 0.3457,
0.3935

 25.3247, 0.3744,
0.4654

279.4511, 0.3438,
0.3894

 16.3191, 0.3807,
0.4862

333.9653, 0.3421,
0.3858

 9.7503, 0.3872,
0.5136

395.1446, 0.3406,

 5.2337, 0.3949,

0.3827

0.5540

463.3733, 0.3392,
0.3798

■ 2.3850, 0.3941,
0.6059

■ 0.8182, 0.3057,
0.6943

■ 93.4018, 0.3561,
0.4169

■ 93.4018, 0.3561,
0.4169

■ 91.9155, 0.3677,
0.4423

■ 95.0740, 0.3436,
0.3907

■ 90.6228, 0.3779,
0.4657

■ 96.9610, 0.3307,
0.3645

■ 89.5054, 0.3860,
0.4861

■ 99.0658, 0.3179,
0.3391

■ 88.5494, 0.3917,
0.5026

100.0000, 0.3127,
0.3290

■ 87.7392, 0.3948,
0.5146

■ 87.0553, 0.3953,
0.5221

■ 86.6962, 0.3947,
0.5248

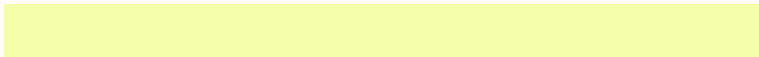
Harmonies

Analogous

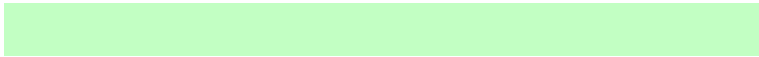
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.4018, 0.3938, 0.4009



93.4018, 0.3561, 0.4169



93.4018, 0.3085, 0.4056

Triad

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



93.4018, 0.3561, 0.4169



93.4018, 0.2243, 0.2787



93.4018, 0.3601, 0.2934

Complementary

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



93.4018, 0.3561, 0.4169



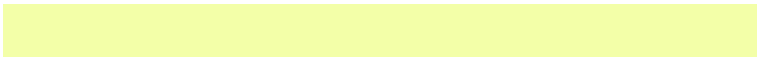
44.9210, 0.2590, 0.2287

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.



93.4018, 0.3109, 0.2659



93.4018, 0.3561, 0.4169



93.4018, 0.2353, 0.2559

Square

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



93.4018, 0.3561, 0.4169



93.4018, 0.2342, 0.3190



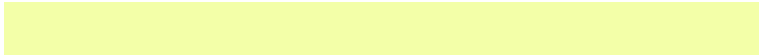
93.4018, 0.2658, 0.2522



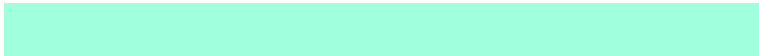
93.4018, 0.3975, 0.3297

Rectangle

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



93.4018, 0.3561, 0.4169



93.4018, 0.2778, 0.3824



93.4018, 0.2658, 0.2522



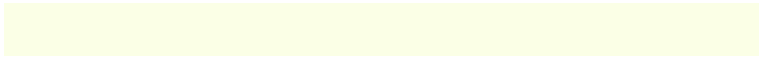
93.4018, 0.3442, 0.2830

Sweetspot

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



93.3956, 0.3561, 0.4169



97.8026, 0.3254, 0.3539



56.5596, 0.3896, 0.3414



20.8715, 0.3272, 0.3575



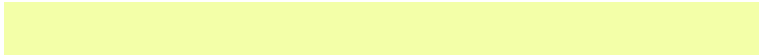
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

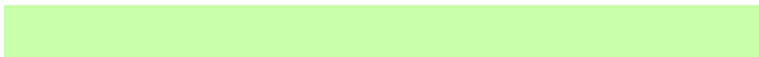
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.3956, 0.3561, 0.4169



92.3576, 0.3642, 0.4345



86.6099, 0.3274, 0.4257



20.9560, 0.3248, 0.3526



45.3498, 0.3951, 0.5245



4.4491, 0.3980, 0.5222

Inverse Universe

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



44.9210, 0.2590, 0.2287



37.1656, 0.2458, 0.2052



50.9194, 0.2913, 0.2373



17.4981, 0.3000, 0.3046



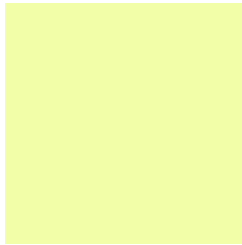
3.9980, 0.1553, 0.0629



0.4242, 0.1634, 0.0674

Previews

White Background



This preview shows how the Yxy color 93.4018, 0.3561, 0.4169 looks on a white background.

Color Contrast Check

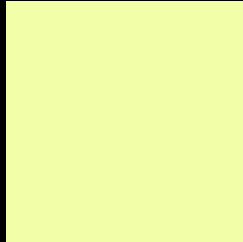
Large Text (above 18pt) WCAG AA × Fail

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 93.4018, 0.3561, 0.4169 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

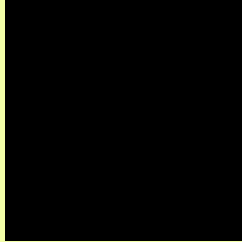
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.4018, 0.3561, 0.4169

Background



This preview shows how black text looks on a background with the Yxy color 93.4018, 0.3561, 0.4169.

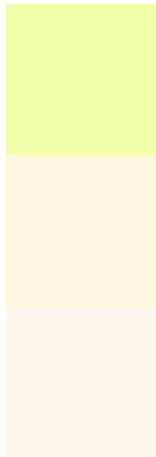


This preview shows how white text looks on a background with the Yxy color 93.4018, 0.3561, 0.4169.

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

93.4018, 0.3561, 0.4169

Protanopia

93.0555, 0.3332, 0.3536

Deuteranopia

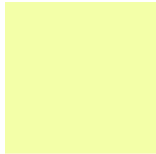
93.3446, 0.3234, 0.3368



Tritanopia

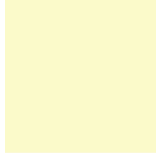
93.0340, 0.3106, 0.3194

Trichromacy



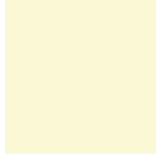
Original Color

93.4018, 0.3561, 0.4169



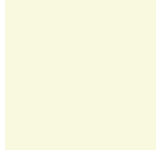
Protanomaly

93.1447, 0.3424, 0.3768



Deuteranomaly

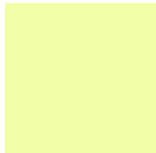
93.0647, 0.3358, 0.3648



Tritanomaly

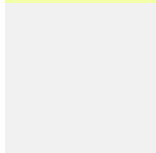
93.0355, 0.3277, 0.3548

Monochromacy



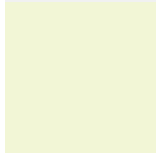
Original Color

93.4018, 0.3561, 0.4169



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.6438, 0.3295, 0.3615

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.4018, 0.3561, 0.4169 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(243, 255, 168)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 168)  
}
```

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(243, 255, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 168) }
```

Border

The CSS property to change the border of an element to Yxy 93.4018, 0.3561, 0.4169 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(243, 255, 168) }
```

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

```
.border{ border-color:rgb(243, 255, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 168);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 93.4018, 0.3561, 0.4169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 168) }
```

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

```
.background{ background-color: rgb(243,  
255, 168) }
```

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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