

Converting Colors

$Yxy(99.3805, 0.3468, 0.4084)$

Have a look what the booklet for
Yxy(99.3805, 0.3468, 0.4084)
contains.

Yxy(94.3514, 0.3488, 0.4015)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(94.3514, 0.3488, 0.4015)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFB7
RGB	245, 255, 183
RGB Percent	96%, 100%, 72%
CMY	0.0391, 0.0000, 0.2824
CMYK	0.04, 0.00, 0.28, 0.00
HSL	68°, 100%, 86%
HSV	68°, 28%, 100%
XYZ	81.9670, 94.3514, 58.6788
YIQ	243.8020, 17.1520, -24.5120

Conversions

Conversions Part 2

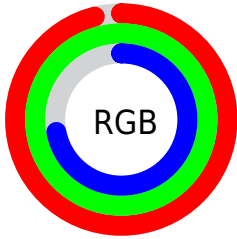
Format	Color
R_{YB}	183, 255, 193
Decimal	16121783
CIE _{Lab}	97.77, -14.48, 33.41
CIE _{LCh}	98, 36.408, 113.434
Yxy	94.3514, 0.3488, 0.4015
Android (android.graphics.Color)	4294311863 (0xFFFF5FFB7)
YUV	243.8020, -29.9754, 1.0506
Hunter-Lab	97.1346, -19.3585, 32.1773

Details

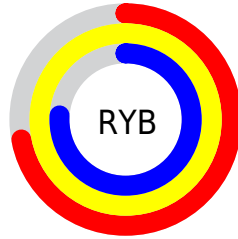
The Yxy color **94.3514, 0.3488, 0.4015** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.4105, 0.2698, 0.2483**, and the grayscale version is **90.5370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **52.6645, 0.3560, 0.4175** is the 20% darker color. If you saturate the color by 10%, you get **92.7576, 0.3610, 0.4275**, and if you desaturate by 10%, it is **96.1557, 0.3360, 0.3752**.

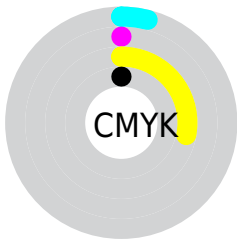
Distribution



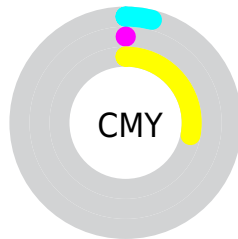
- Red (96%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.3514, 0.3488, 0.4015 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 94.3514, 0.3488, 0.4015 by changing the saturation by 10% instead.


 94.3514, 0.3488,
0.4015

 94.3514, 0.3488,
0.4015

542.0865, 0.3335,
0.3689

 71.5953, 0.3519,
0.4087


 153.3682, 0.3438,
0.3904

 52.8281, 0.3556,
0.4174


190.3977, 0.3418,
0.3860

 37.6656, 0.3600,
0.4282


232.9538, 0.3400,
0.3822

 25.7232, 0.3652,
0.4419

281.4208, 0.3384,
0.3789

 16.6167, 0.3714,
0.4597

336.1832, 0.3370,
0.3759

 9.9616, 0.3787,
0.4835


397.6253, 0.3357,


 5.3735, 0.3863,


0.3733


0.5164


466.1316, 0.3346,
0.3710


 2.4680, 0.4097,
0.5903


 0.8606, 0.3505,
0.6495


 94.3514, 0.3488,
0.4015


 94.3514, 0.3488,
0.4015

 92.7576, 0.3610,
0.4275

 96.1557, 0.3360,
0.3752

 91.3548, 0.3721,
0.4522

 98.1712, 0.3231,
0.3494

 90.1347, 0.3815,
0.4745

100.0000, 0.3127,
0.3290

 89.0843, 0.3887,
0.4935

■ 88.1894, 0.3933,
0.5082

■ 87.4328, 0.3953,
0.5183

■ 86.7908, 0.3948,
0.5241

■ 86.6842, 0.3946,
0.5249

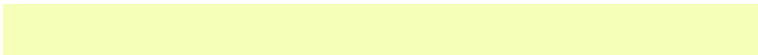
Harmonies

Analogous

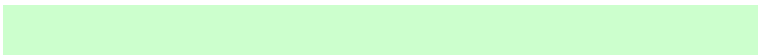
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.3514, 0.3800, 0.3898



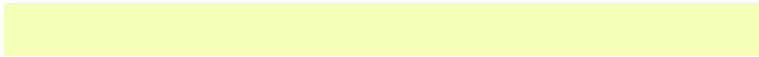
94.3514, 0.3488, 0.4015



94.3514, 0.3092, 0.3912

Triad

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



94.3514, 0.3488, 0.4015



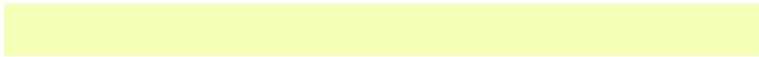
94.3514, 0.2383, 0.2872



94.3514, 0.3527, 0.2997

Complementary

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



94.3514, 0.3488, 0.4015



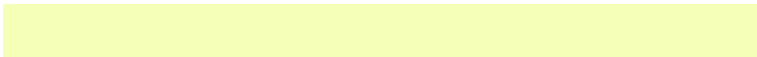
52.4105, 0.2698, 0.2483

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.



94.3514, 0.3122, 0.2761



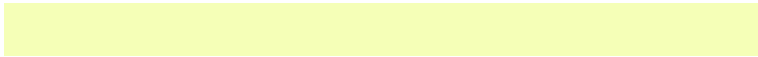
94.3514, 0.3488, 0.4015



94.3514, 0.2480, 0.2677

Square

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



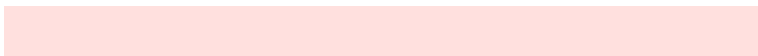
94.3514, 0.3488, 0.4015



94.3514, 0.2467, 0.3208



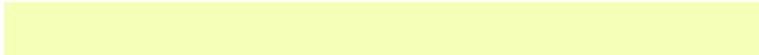
94.3514, 0.2742, 0.2644



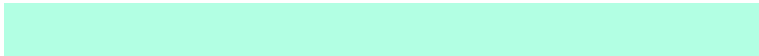
94.3514, 0.3831, 0.3308

Rectangle

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



94.3514, 0.3488, 0.4015



94.3514, 0.2835, 0.3722



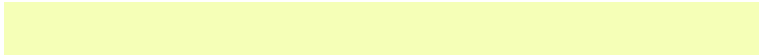
94.3514, 0.2742, 0.2644



94.3514, 0.3397, 0.2908

Sweetspot

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



94.3544, 0.3488, 0.4015



98.2229, 0.3228, 0.3488



62.6336, 0.3724, 0.3392



20.9557, 0.3248, 0.3526



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

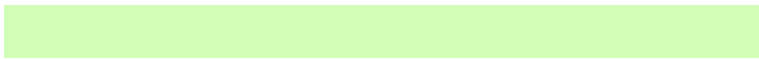
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.3544, 0.3488, 0.4015



93.4109, 0.3559, 0.4166



88.5499, 0.3252, 0.4073



20.9557, 0.3248, 0.3526



45.3436, 0.3951, 0.5245



4.4486, 0.3980, 0.5222

Inverse Universe

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



52.4105, 0.2698, 0.2483



45.0770, 0.2593, 0.2292



57.6696, 0.2958, 0.2540



17.4984, 0.3000, 0.3046



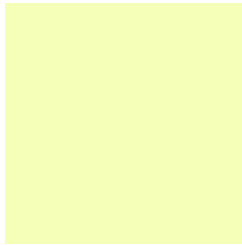
3.9988, 0.1553, 0.0629



0.4243, 0.1635, 0.0674

Previews

White Background



This preview shows how the Yxy color 94.3514, 0.3488, 0.4015 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 94.3514, 0.3488, 0.4015 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

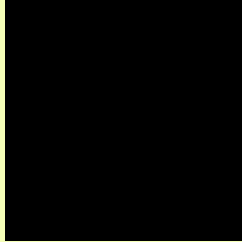
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.3514, 0.3488, 0.4015

Background



This preview shows how black text looks on a background with the Yxy color 94.3514, 0.3488, 0.4015.



This preview shows how white text looks on a background with the Yxy color 94.3514, 0.3488, 0.4015.

Color Blindness Simulation

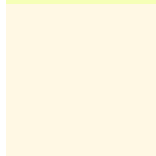
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



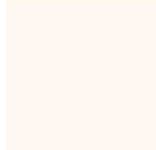
Original Color

94.3514, 0.3488, 0.4015



Protanopia

93.9962, 0.3293, 0.3486



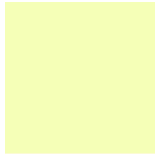
Deuteranopia

94.1324, 0.3215, 0.3348

Tritanopia

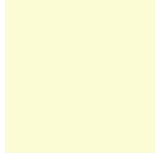
94.2508, 0.3105, 0.3213

Trichromacy



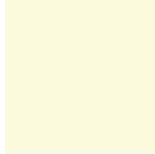
Original Color

94.3514, 0.3488, 0.4015



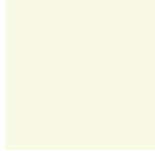
Protanomaly

94.2571, 0.3361, 0.3677



Deuteranomaly

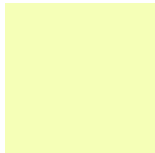
94.0478, 0.3314, 0.3587



Tritanomaly

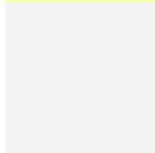
94.1681, 0.3246, 0.3497

Monochromacy



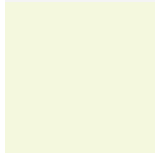
Original Color

94.3514, 0.3488, 0.4015



Achromatopsia

90.4661, 0.3127, 0.3290



Achromatomaly

91.6418, 0.3257, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.3514, 0.3488, 0.4015 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(245, 255, 183)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 183)  
}
```

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(245, 255, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 183) }
```

Border

The CSS property to change the border of an element to Yxy 94.3514, 0.3488, 0.4015 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(245, 255, 183) }
```

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

```
.border{ border-color:rgb(245, 255, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 255, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 94.3514, 0.3488, 0.4015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 183) }
```

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

```
.background{ background-color: rgb(245,  
255, 183) }
```

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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