

Converting Colors

$Y_{xy}(100.0000, 0.3794, 0.4019)$

Have a look what the booklet for
Yxy(100.0000, 0.3794, 0.4019)
contains.

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Color

Yxy(94.5666, 0.3614, 0.4068)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDAE
RGB	255, 253, 174
RGB Percent	100%, 99%, 68%
CMY	0.0000, 0.0078, 0.3175
CMYK	0.00, 0.01, 0.32, 0.00
HSL	59°, 100%, 84%
HSV	59°, 32%, 100%
XYZ	84.0127, 94.5666, 53.8853
YIQ	244.5920, 26.5510, -24.1450

Conversions

Conversions Part 2

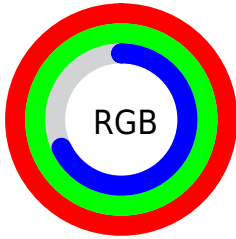
Format	Color
R _Y B	176, 255, 174
Decimal	16776622
CIE Lab	97.86, -10.93, 38.11
CIE LCh	98, 39.647, 105.995
Yxy	94.5666, 0.3614, 0.4068
Android (android.graphics.Color)	4294966702 (0xFFFFFDAE)
YUV	244.5920, -34.8019, 9.1278
Hunter-Lab	97.2454, -15.9687, 35.2182

Details

The Yxy color **94.5666, 0.3614, 0.4068** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **47.2865, 0.2560, 0.2372**, and the grayscale version is **91.2364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **52.7306, 0.3704, 0.4226** is the 20% darker color. If you saturate the color by 10%, you get **93.2679, 0.3762, 0.4303**, and if you desaturate by 10%, it is **96.0569, 0.3459, 0.3822**.

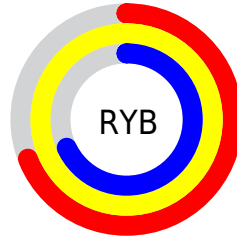
Distribution



Red (100%)

Green (99%)

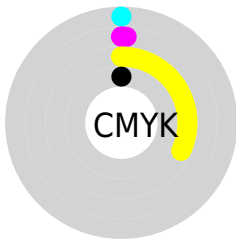
Blue (68%)



Red (69%)

Yellow (100%)

Blue (68%)

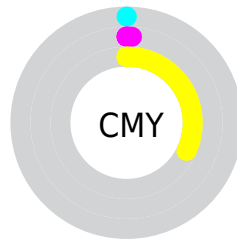


Cyan (0%)

Magenta (1%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (1%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.5666, 0.3614, 0.4068 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 94.5666, 0.3614, 0.4068 by changing the saturation by 10% instead.

 94.5666, 0.3614,
0.4068

 94.5666, 0.3614,
0.4068


542.7766, 0.3407,
0.3721

 71.7743, 0.3657,
0.4143


 153.6657, 0.3546,
0.3951

 52.9743, 0.3707,
0.4234


190.7413, 0.3518,
0.3904

 37.7823, 0.3766,
0.4345

233.3468, 0.3494,
0.3864

 25.8138, 0.3837,
0.4483

281.8666, 0.3473,
0.3829

 16.6844, 0.3922,
0.4660

336.6851, 0.3453,
0.3797

 10.0097, 0.4021,
0.4888

398.1866, 0.3436,

 5.4054, 0.4134,

0.3769

0.5199

466.7557, 0.3421,
0.3744

■ 2.4870, 0.4294,
0.5706

■ 0.8701, 0.3917,
0.6083

■ 94.5666, 0.3614,
0.4068

■ 94.5666, 0.3614,
0.4068

■ 93.2679, 0.3762,
0.4303

■ 96.0569, 0.3459,
0.3822

■ 92.1478, 0.3899,
0.4516

■ 97.7465, 0.3304,
0.3574

■ 91.1954, 0.4017,
0.4699

■ 99.6452, 0.3153,
0.3332

■ 90.3974, 0.4111,
0.4842

100.0000, 0.3127,
0.3290

■ 89.7386, 0.4179,
0.4942

■ 89.2007, 0.4220,
0.4998

■ 88.8252, 0.4238,
0.5017

Harmonies

Analogous

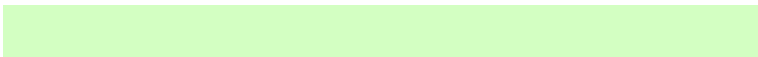
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.5666, 0.3915, 0.3886



94.5666, 0.3614, 0.4068



94.5666, 0.3195, 0.4022

Triad

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



94.5666, 0.3614, 0.4068



94.5666, 0.2327, 0.2911



94.5666, 0.3457, 0.2900

Complementary

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



94.5666, 0.3614, 0.4068



47.2865, 0.2560, 0.2372

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.



94.5666, 0.3010, 0.2673



94.5666, 0.3614, 0.4068



94.5666, 0.2384, 0.2661

Square

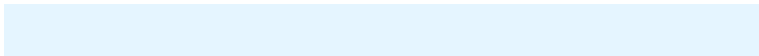
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.5666, 0.3614, 0.4068



94.5666, 0.2464, 0.3304



94.5666, 0.2624, 0.2584



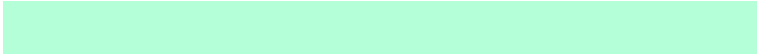
94.5666, 0.3829, 0.3219

Rectangle

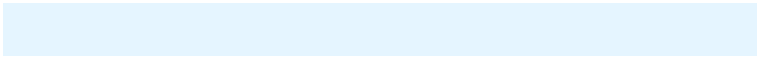
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.5666, 0.3614, 0.4068



94.5666, 0.2908, 0.3850



94.5666, 0.2624, 0.2584



94.5666, 0.3309, 0.2812

Sweetspot

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



94.5673, 0.3614, 0.4068



98.0637, 0.3277, 0.3531



54.7086, 0.3835, 0.3264



20.9351, 0.3299, 0.3566



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

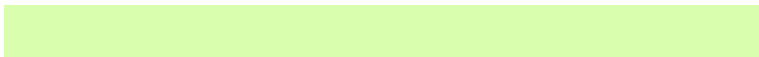
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.5673, 0.3614, 0.4068



93.7338, 0.3708, 0.4217



89.3620, 0.3353, 0.4157



21.0091, 0.3270, 0.3519



46.4478, 0.4237, 0.5018



4.5459, 0.4232, 0.5022

Inverse Universe

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



47.2865, 0.2560, 0.2372



39.8127, 0.2429, 0.2157



51.4749, 0.2829, 0.2415



17.4496, 0.2978, 0.3050



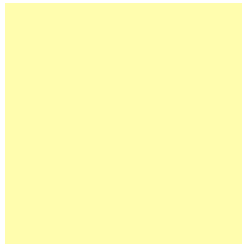
3.8752, 0.1504, 0.0615



0.4015, 0.1514, 0.0650

Previews

White Background



This preview shows how the Yxy color 94.5666, 0.3614, 0.4068 looks on a white background.

Color Contrast Check

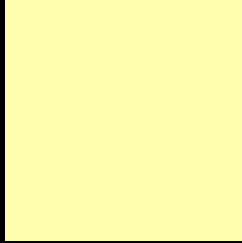
Large Text (above 18pt) WCAG AA × Fail

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 94.5666, 0.3614, 0.4068 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

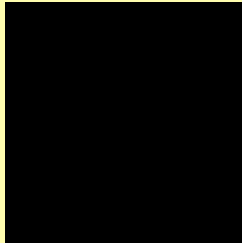
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.5666, 0.3614, 0.4068

Background



This preview shows how black text looks on a background with the Yxy color 94.5666, 0.3614, 0.4068.

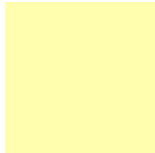


This preview shows how white text looks on a background with the Yxy color 94.5666, 0.3614, 0.4068.

Color Blindness Simulation

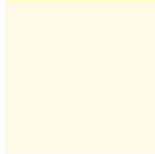
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



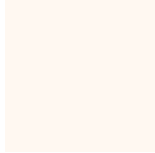
Original Color

94.5666, 0.3614, 0.4068



Protanopia

94.6685, 0.3286, 0.3485



Deuteranopia

94.7457, 0.3214, 0.3358

Tritanopia

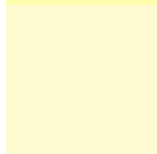
94.2634, 0.3143, 0.3223

Trichromacy



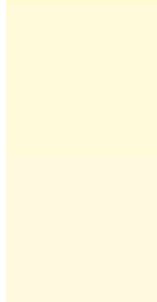
Original Color

94.5666, 0.3614, 0.4068



Protanomaly

94.2347, 0.3408, 0.3694



Deuteranomaly

94.6410, 0.3359, 0.3614

Tritanomaly

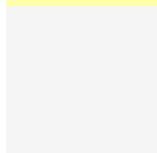
94.3932, 0.3317, 0.3535

Monochromacy



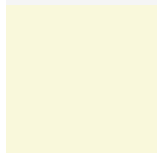
Original Color

94.5666, 0.3614, 0.4068



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.3890, 0.3309, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.5666, 0.3614, 0.4068 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(255, 253, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 174)  
}
```

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(255, 253, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 174) }
```

Border

The CSS property to change the border of an element to Yxy 94.5666, 0.3614, 0.4068 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(255, 253, 174) }
```

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

```
.border{ border-color:rgb(255, 253, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 94.5666, 0.3614, 0.4068 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 174) }
```

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

```
.background{ background-color: rgb(255,  
253, 174) }
```

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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