

Converting Colors

$Yxy(94.3519, 0.3427, 0.3731)$

Have a look what the booklet for
Yxy(94.3519, 0.3427, 0.3731)
contains.

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Color

Yxy(94.0874, 0.3426, 0.3724)

Conversions

Conversions Part 1

Format	Color
Hex	FFFACE
RGB	255, 250, 206
RGB Percent	100%, 98%, 81%
CMY	0.0001, 0.0195, 0.1921
CMYK	0.00, 0.02, 0.19, 0.00
HSL	54°, 100%, 90%
HSV	54°, 19%, 100%
XYZ	86.5584, 94.0874, 72.0057
YIQ	246.4790, 17.1040, -12.6240

Conversions

Conversions Part 2

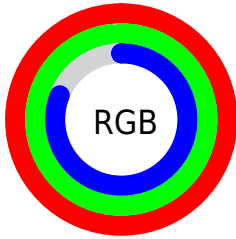
Format	Color
R_{YB}	212, 255, 206
Decimal	16775886
CIE _{Lab}	97.67, -5.30, 21.73
CIE _{LCh}	98, 22.367, 103.697
Yxy	94.0874, 0.3426, 0.3724
Android (android.graphics.Color)	4294965966 (0xFFFFFACE)
YUV	246.4790, -19.9561, 7.4729
Hunter-Lab	96.9987, -10.4602, 23.8859

Details

The Yxy color **94.0874, 0.3426, 0.3724** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **66.9183, 0.2810, 0.2815**, and the grayscale version is **92.7216, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.8563, 0.3484, 0.3817** is the 20% darker color. If you saturate the color by 10%, you get **91.3596, 0.3589, 0.3955**, and if you desaturate by 10%, it is **97.0465, 0.3267, 0.3495**.

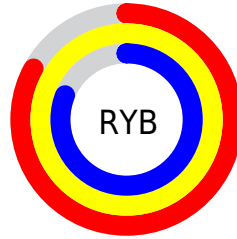
Distribution



Red (100%)

Green (98%)

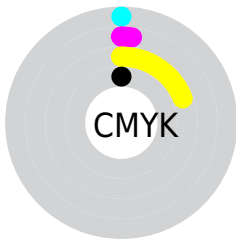
Blue (81%)



Red (83%)

Yellow (100%)

Blue (81%)

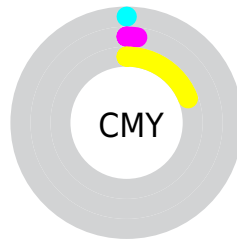


Cyan (0%)

Magenta (2%)

Yellow (19%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0874, 0.3426, 0.3724 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 94.0874, 0.3426, 0.3724 by changing the saturation by 10% instead.


 94.0874, 0.3426,
0.3724

 94.0874, 0.3426,
0.3724


541.2392, 0.3295,
0.3531

 71.3757, 0.3454,
0.3766


153.0032, 0.3382,
0.3658

 52.6488, 0.3488,
0.3818


189.9761, 0.3365,
0.3632

 37.5225, 0.3529,
0.3881


232.4714, 0.3349,
0.3610

 25.6123, 0.3581,
0.3962

280.8736, 0.3336,
0.3590

 16.5338, 0.3647,
0.4068

335.5671, 0.3324,
0.3573

 9.9027, 0.3734,
0.4212

396.9363, 0.3314,

 5.3345, 0.3853,

0.3557

0.4416

465.3655, 0.3304,
0.3543

■ 2.4448, 0.4049,
0.4762

■ 0.8488, 0.4439,
0.5561

■ 94.0874, 0.3426,
0.3724

■ 94.0874, 0.3426,
0.3724

■ 91.3596, 0.3589,
0.3955

■ 97.0465, 0.3267,
0.3495

■ 88.8407, 0.3752,
0.4179

99.9932, 0.3127,
0.3290

■ 86.5245, 0.3908,
0.4388

■ 84.3993, 0.4051,
0.4571

■ 82.4522, 0.4173,
0.4718

■ 80.6686, 0.4271,
0.4822

■ 79.0310, 0.4340,
0.4881

■ 77.5132, 0.4383,
0.4898

■ 77.3936, 0.4387,
0.4899

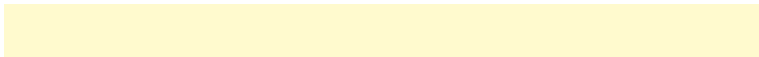
Harmonies

Analogous

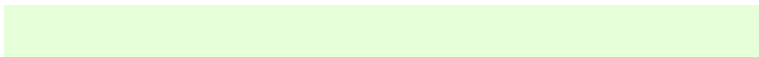
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0874, 0.3583, 0.3628



94.0874, 0.3426, 0.3724



94.0874, 0.3193, 0.3698

Triad

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



94.0874, 0.3426, 0.3724



94.0874, 0.2664, 0.3099



94.0874, 0.3298, 0.3051

Complementary

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



94.0874, 0.3426, 0.3724



66.9183, 0.2810, 0.2815

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.



94.0874, 0.3046, 0.2920



94.0874, 0.3426, 0.3724



94.0874, 0.2688, 0.2940

Square

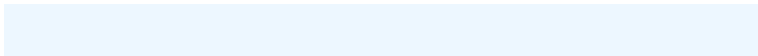
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.0874, 0.3426, 0.3724



94.0874, 0.2757, 0.3323



94.0874, 0.2825, 0.2878



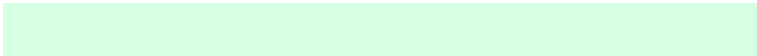
94.0874, 0.3509, 0.3241

Rectangle

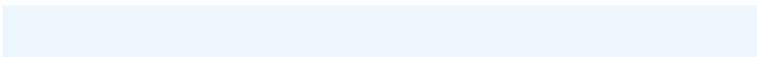
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.0874, 0.3426, 0.3724



94.0874, 0.3027, 0.3610



94.0874, 0.2825, 0.2878



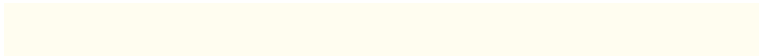
94.0874, 0.3215, 0.2999

Sweetspot

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



94.0916, 0.3426, 0.3724



98.0704, 0.3217, 0.3423



70.1479, 0.3463, 0.3233



20.9472, 0.3227, 0.3437



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

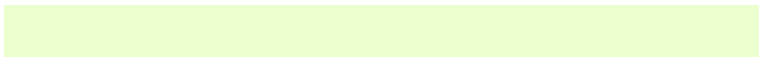
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0916, 0.3426, 0.3724



93.0560, 0.3488, 0.3812



93.8223, 0.3294, 0.3789



20.7583, 0.3272, 0.3502



40.5804, 0.4383, 0.4902



4.0380, 0.4359, 0.4921

Inverse Universe

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



66.9183, 0.2810, 0.2815



61.3755, 0.2740, 0.2708



67.3453, 0.2935, 0.2780



17.6731, 0.2979, 0.3069



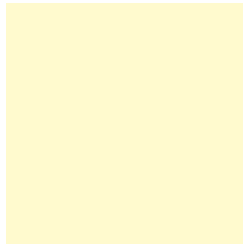
4.2499, 0.1519, 0.0668



0.5073, 0.1555, 0.0798

Previews

White Background



This preview shows how the Yxy color 94.0874, 0.3426, 0.3724 looks on a white background.

Color Contrast Check

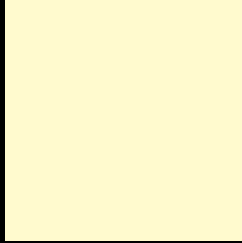
Large Text (above 18pt) WCAG AA × Fail

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 94.0874, 0.3426, 0.3724 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

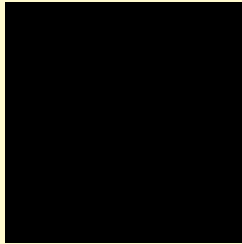
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.0874, 0.3426, 0.3724

Background



This preview shows how black text looks on a background with the Yxy color 94.0874, 0.3426, 0.3724.

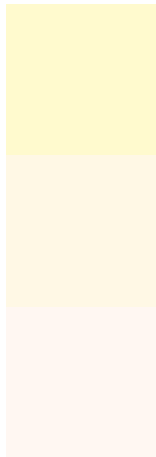


This preview shows how white text looks on a background with the Yxy color 94.0874, 0.3426, 0.3724.

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

94.0874, 0.3426, 0.3724

Protanopia

94.0519, 0.3287, 0.3476

Deuteranopia

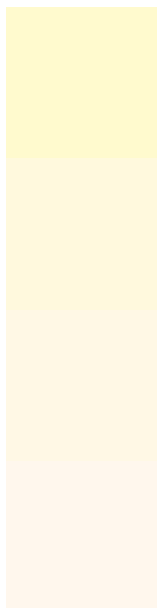
94.1923, 0.3209, 0.3339



Tritanopia

94.3915, 0.3131, 0.3204

Trichromacy



Original Color

94.0874, 0.3426, 0.3724

Protanomaly

94.2318, 0.3335, 0.3565

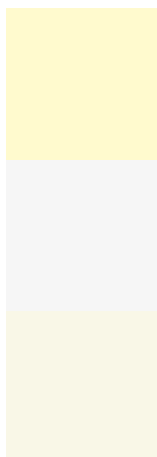
Deuteranomaly

94.0519, 0.3287, 0.3476

Tritanomaly

93.8960, 0.3239, 0.3387

Monochromacy



Original Color

94.0874, 0.3426, 0.3724

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.4308, 0.3236, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0874, 0.3426, 0.3724 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, 250, 206)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 206)  
}
```

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, 250, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 206) }
```

Border

The CSS property to change the border of an element to Yxy 94.0874, 0.3426, 0.3724 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, 250, 206) }
```

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

```
.border{ border-color:rgb(255, 250, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 206);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
206) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0874, 0.3426, 0.3724 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 206) }
```

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

```
.background{ background-color: rgb(255,  
250, 206) }
```

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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