

Converting Colors

$Yxy(93.9154, 0.3504, 0.3858)$

Have a look what the booklet for
Yxy(93.9154, 0.3504, 0.3858)
contains.

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Color

Yxy(94.1046, 0.3504, 0.3863)

Conversions

Conversions Part 1

Format	Color
Hex	FFFBC1
RGB	255, 251, 193
RGB Percent	100%, 98%, 76%
CMY	0.0001, 0.0156, 0.2430
CMYK	0.00, 0.02, 0.24, 0.00
HSL	56°, 100%, 88%
HSV	56°, 24%, 100%
XYZ	85.3592, 94.1046, 64.1412
YIQ	245.5840, 21.0020, -17.1900

Conversions

Conversions Part 2

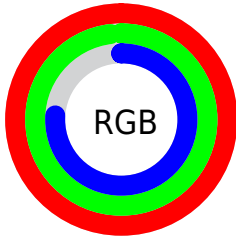
Format	Color
RYB	197, 255, 193
Decimal	16776129
CIELab	97.67, -7.57, 28.33
CIELCh	98, 29.328, 104.968
Yxy	94.1046, 0.3504, 0.3863
Android (android.graphics.Color)	4294966209 (0xFFFFFBC1)
YUV	245.5840, -25.9239, 8.2578
Hunter-Lab	97.0075, -12.6969, 28.7028

Details

The Yxy color **94.1046, 0.3504, 0.3863** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.4964, 0.2713, 0.2644**, and the grayscale version is **92.0083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6821, 0.3156, 0.3338**, and **52.9001, 0.3582, 0.3992** is the 20% darker color. If you saturate the color by 10%, you get **92.0520, 0.3663, 0.4099**, and if you desaturate by 10%, it is **96.3706, 0.3345, 0.3624**.

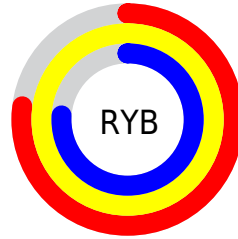
Distribution



Red (100%)

Green (98%)

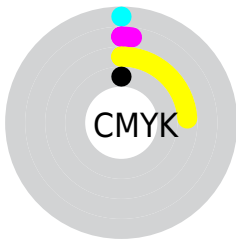
Blue (76%)



Red (77%)

Yellow (100%)

Blue (76%)

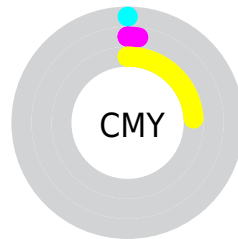


Cyan (0%)

Magenta (2%)

Yellow (24%)

Black (0%)



Cyan (0%)


Magenta (2%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.1046, 0.3504, 0.3863 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 94.1046, 0.3504, 0.3863 by changing the saturation by 10% instead.

 94.1046, 0.3504,
0.3863

 94.1046, 0.3504,
0.3863


541.2945, 0.3341,
0.3607

 71.3900, 0.3539,
0.3919


 153.0270, 0.3450,
0.3776

 52.6605, 0.3580,
0.3987


190.0035, 0.3428,
0.3742

 37.5318, 0.3630,
0.4070


232.5028, 0.3409,
0.3712

 25.6195, 0.3692,
0.4176

280.9093, 0.3392,
0.3686

 16.5392, 0.3769,
0.4313

335.6073, 0.3377,
0.3663

 9.9065, 0.3868,
0.4497

396.9812, 0.3364,

 5.3370, 0.3993,

0.3642

0.4752

465.4155, 0.3352,
0.3624

■ 2.4463, 0.4327,
0.5346

■ 0.8496, 0.4229,
0.5771

■ 94.1046, 0.3504,
0.3863

■ 94.1046, 0.3504,
0.3863

■ 92.0520, 0.3663,
0.4099

■ 96.3706, 0.3345,
0.3624

■ 90.1901, 0.3816,
0.4323

■ 98.8467, 0.3191,
0.3388

■ 88.5121, 0.3957,
0.4525

99.9950, 0.3127,
0.3290

■ 87.0059, 0.4080,
0.4694

■ 85.6578, 0.4179,
0.4824

■ 84.4520, 0.4251,
0.4909

■ 83.3690, 0.4296,
0.4950

■ 82.7898, 0.4312,
0.4958

Harmonies

Analogous

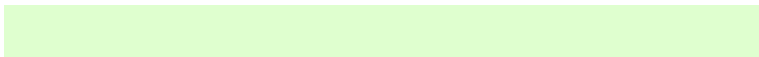
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.1046, 0.3718, 0.3735



94.1046, 0.3504, 0.3863



94.1046, 0.3195, 0.3827

Triad

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



94.1046, 0.3504, 0.3863



94.1046, 0.2524, 0.3024



94.1046, 0.3363, 0.2989

Complementary

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



94.1046, 0.3504, 0.3863



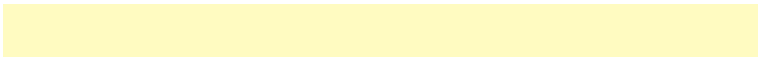
58.4964, 0.2713, 0.2644

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.



94.1046, 0.3033, 0.2818



94.1046, 0.3504, 0.3863



94.1046, 0.2562, 0.2825

Square

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



94.1046, 0.3504, 0.3863



94.1046, 0.2637, 0.3317



94.1046, 0.2743, 0.2756



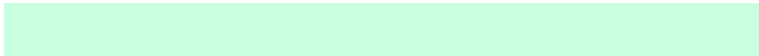
94.1046, 0.3638, 0.3234

Rectangle

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



94.1046, 0.3504, 0.3863



94.1046, 0.2979, 0.3705



94.1046, 0.2743, 0.2756



94.1046, 0.3254, 0.2922

Sweetspot

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



94.1088, 0.3504, 0.3863



98.1767, 0.3232, 0.3451



63.4532, 0.3605, 0.3249



20.9813, 0.3241, 0.3465



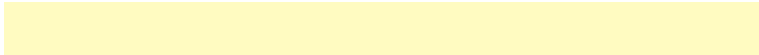
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

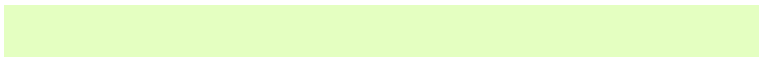
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.1088, 0.3504, 0.3863



93.1367, 0.3579, 0.3975



91.8719, 0.3317, 0.3936



20.8799, 0.3271, 0.3510



43.3548, 0.4310, 0.4960



4.2790, 0.4295, 0.4972

Inverse Universe

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



58.4964, 0.2713, 0.2644



52.0755, 0.2620, 0.2498



60.5743, 0.2897, 0.2634



17.5642, 0.2978, 0.3060



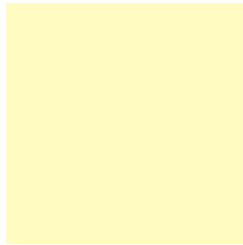
4.0413, 0.1511, 0.0638



0.4559, 0.1535, 0.0727

Previews

White Background



This preview shows how the Yxy color 94.1046, 0.3504, 0.3863 looks on a white background.

Color Contrast Check

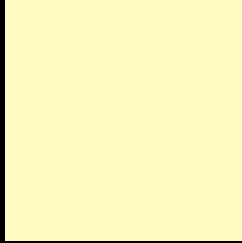
Large Text (above 18pt) WCAG AA × Fail

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 94.1046, 0.3504, 0.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

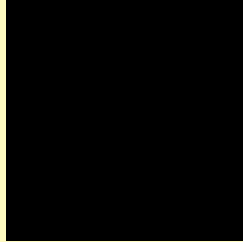
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.1046, 0.3504, 0.3863

Background



This preview shows how black text looks on a background with the Yxy color 94.1046, 0.3504, 0.3863.

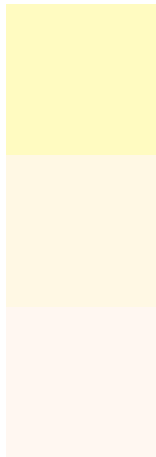


This preview shows how white text looks on a background with the Yxy color 94.1046, 0.3504, 0.3863.

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

94.1046, 0.3504, 0.3863

Protanopia

93.9962, 0.3293, 0.3486

Deuteranopia

94.1324, 0.3215, 0.3348

Tritanopia

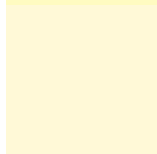
94.3273, 0.3137, 0.3214

Trichromacy



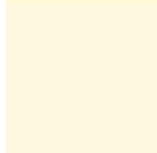
Original Color

94.1046, 0.3504, 0.3863



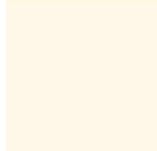
Protanomaly

93.9177, 0.3372, 0.3625



Deuteranomaly

93.7766, 0.3318, 0.3525



Tritanomaly

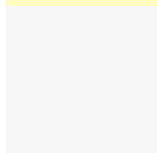
94.2210, 0.3269, 0.3446

Monochromacy



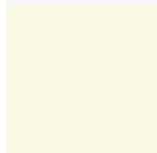
Original Color

94.1046, 0.3504, 0.3863



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.8206, 0.3260, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.1046, 0.3504, 0.3863 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, 251, 193)` looks like.

```
.text, #text, p{  
    color:rgb(255, 251, 193)  
}
```

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, 251, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 251, 193) }
```

Border

The CSS property to change the border of an element to Yxy 94.1046, 0.3504, 0.3863 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, 251, 193) }
```

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

```
.border{ border-color:rgb(255, 251, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 251, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 251, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 251, 193);  
box-shadow:4px 4px 4px 4px rgb(255, 251,  
193) }
```


Background

The CSS property to change the background color of an element to Yxy 94.1046, 0.3504, 0.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 251, 193) }
```

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

```
.background{ background-color: rgb(255,  
251, 193) }
```

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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