

Converting Colors

$Y_{xy}(100.0000, 0.3665, 0.3839)$

Have a look what the booklet for
Yxy(100.0000, 0.3665, 0.3839)
contains.

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Color

Yxy(94.7758, 0.3496, 0.3862)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCC2
RGB	255, 252, 194
RGB Percent	100%, 99%, 76%
CMY	0.0000, 0.0118, 0.2390
CMYK	0.00, 0.01, 0.24, 0.00
HSL	57°, 100%, 88%
HSV	57°, 24%, 100%
XYZ	85.7939, 94.7758, 64.8363
YIQ	246.2850, 20.4060, -17.4020

Conversions

Conversions Part 2

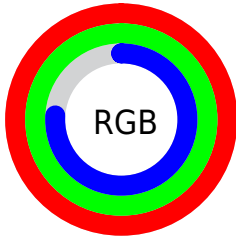
Format	Color
RYB	197, 255, 194
Decimal	16776386
CIELab	97.94, -7.92, 28.19
CIELCh	98, 29.285, 105.689
Yxy	94.7758, 0.3496, 0.3862
Android (android.graphics.Color)	4294966466 (0xFFFFFCC2)
YUV	246.2850, -25.7765, 7.6431
Hunter-Lab	97.3529, -13.0612, 28.6603

Details

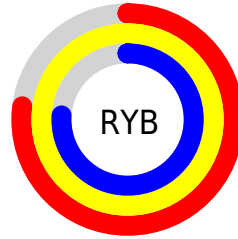
The Yxy color **94.7758, 0.3496, 0.3862** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.6482, 0.2719, 0.2646**, and the grayscale version is **92.6059, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **53.3791, 0.3571, 0.3991** is the 20% darker color. If you saturate the color by 10%, you get **92.9435, 0.3653, 0.4101**, and if you desaturate by 10%, it is **96.8153, 0.3339, 0.3619**.

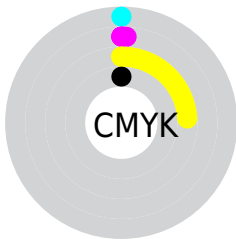
Distribution



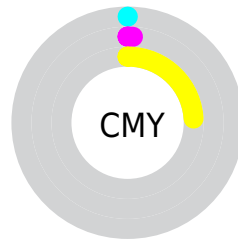
- Red (100%)
- Green (99%)
- Blue (76%)



- Red (77%)
- Yellow (100%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (24%)
- Black (0%)



- Cyan (0%)
- Magenta (1%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.7758, 0.3496, 0.3862 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 94.7758, 0.3496, 0.3862 by changing the saturation by 10% instead.


 94.7758, 0.3496,
0.3862

 94.7758, 0.3496,
0.3862

543.4470, 0.3337,
0.3607

 71.9484, 0.3530,
0.3918


153.9548, 0.3443,
0.3776

 53.1165, 0.3570,
0.3985


191.0752, 0.3422,
0.3741

 37.8958, 0.3619,
0.4069


233.7288, 0.3403,
0.3712

 25.9018, 0.3679,
0.4174

282.2998, 0.3387,
0.3686

 16.7502, 0.3754,
0.4311

337.1727, 0.3372,
0.3662

 10.0566, 0.3850,
0.4494

398.7320, 0.3359,

 5.4365, 0.3971,

0.3642

0.4749

467.3619, 0.3347,
0.3624

■ 2.5056, 0.4276,
0.5317

■ 0.8794, 0.4222,
0.5778

■ 94.7758, 0.3496,
0.3862

■ 94.7758, 0.3496,
0.3862

■ 92.9435, 0.3653,
0.4101

■ 96.8153, 0.3339,
0.3619

■ 91.3003, 0.3804,
0.4328

■ 99.0633, 0.3185,
0.3381

■ 89.8379, 0.3942,
0.4533

100.0000, 0.3127,
0.3290

■ 88.5443, 0.4062,
0.4706

■ 87.4059, 0.4157,
0.4838

■ 86.4070, 0.4226,
0.4926

■ 85.5282, 0.4268,
0.4970

■ 85.0347, 0.4283,
0.4981

Harmonies

Analogous

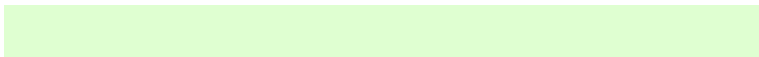
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.7758, 0.3713, 0.3738



94.7758, 0.3496, 0.3862



94.7758, 0.3187, 0.3821

Triad

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



94.7758, 0.3496, 0.3862



94.7758, 0.2526, 0.3019



94.7758, 0.3369, 0.2995

Complementary

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



94.7758, 0.3496, 0.3862



58.6482, 0.2719, 0.2646

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.



94.7758, 0.3041, 0.2822



94.7758, 0.3496, 0.3862



94.7758, 0.2567, 0.2824

Square

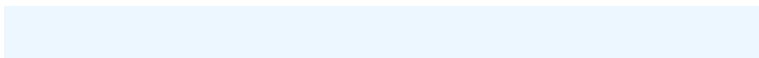
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.7758, 0.3496, 0.3862



94.7758, 0.2634, 0.3309



94.7758, 0.2751, 0.2758



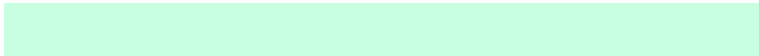
94.7758, 0.3641, 0.3240

Rectangle

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



94.7758, 0.3496, 0.3862



94.7758, 0.2972, 0.3698



94.7758, 0.2751, 0.2758



94.7758, 0.3261, 0.2928

Sweetspot

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



94.7785, 0.3496, 0.3862



98.3441, 0.3232, 0.3454



63.8994, 0.3603, 0.3260



21.0202, 0.3241, 0.3468



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

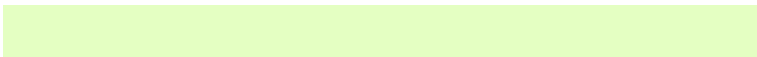
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.7785, 0.3496, 0.3862



93.8187, 0.3576, 0.3985



91.8409, 0.3307, 0.3926



20.9284, 0.3270, 0.3514



44.4993, 0.4282, 0.4982



4.3780, 0.4271, 0.4991

Inverse Universe

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



58.6482, 0.2719, 0.2646



51.6175, 0.2619, 0.2485



61.2708, 0.2908, 0.2647



17.5210, 0.2978, 0.3056



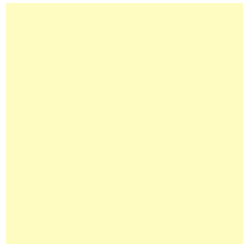
3.9769, 0.1508, 0.0629



0.4354, 0.1527, 0.0698

Previews

White Background



This preview shows how the Yxy color 94.7758, 0.3496, 0.3862 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 94.7758, 0.3496, 0.3862 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

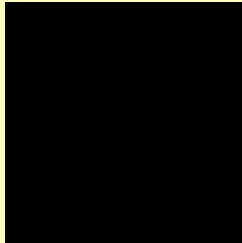
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.7758, 0.3496, 0.3862

Background



This preview shows how black text looks on a background with the Yxy color 94.7758, 0.3496, 0.3862.

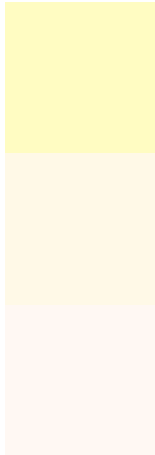


This preview shows how white text looks on a background with the Yxy color 94.7758, 0.3496, 0.3862.

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

94.7758, 0.3496, 0.3862

Protanopia

94.7809, 0.3274, 0.3466

Deuteranopia

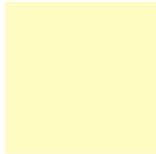
94.8659, 0.3202, 0.3338



Tritanopia

94.9373, 0.3137, 0.3223

Trichromacy



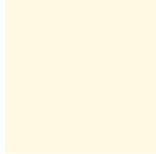
Original Color

94.7758, 0.3496, 0.3862



Protanomaly

94.6932, 0.3352, 0.3604



Deuteranomaly

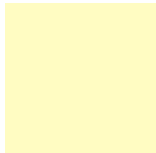
94.4476, 0.3311, 0.3525



Tritanomaly

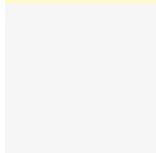
94.8376, 0.3268, 0.3456

Monochromacy



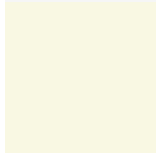
Original Color

94.7758, 0.3496, 0.3862



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 94.7758, 0.3496, 0.3862 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, 252, 194)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 194)  
}
```

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, 252, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 194) }
```

Border

The CSS property to change the border of an element to Yxy 94.7758, 0.3496, 0.3862 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, 252, 194) }
```

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

```
.border{ border-color:rgb(255, 252, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 194);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 94.7758, 0.3496, 0.3862 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 194) }
```

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

```
.background{ background-color: rgb(255,  
252, 194) }
```

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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