

Converting Colors

$Y_{xy}(100.0000, 0.3676, 0.3819)$

Have a look what the booklet for
Yxy(100.0000, 0.3676, 0.3819)
contains.

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Color

Yxy(94.8209, 0.3490, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	FFFCC3
RGB	255, 252, 195
RGB Percent	100%, 99%, 76%
CMY	0.0001, 0.0117, 0.2354
CMYK	0.00, 0.01, 0.24, 0.00
HSL	57°, 100%, 88%
HSV	57°, 24%, 100%
XYZ	85.8876, 94.8209, 65.3878
YIQ	246.3990, 20.0850, -17.0910

Conversions

Conversions Part 2

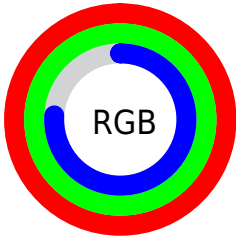
Format	Color
RYB	198, 255, 195
Decimal	16776387
CIELab	97.96, -7.82, 27.75
CIELCh	98, 28.831, 105.741
Yxy	94.8209, 0.3490, 0.3853
Android (android.graphics.Color)	4294966467 (0xFFFFFCC3)
YUV	246.3990, -25.3397, 7.5431
Hunter-Lab	97.3760, -12.9675, 28.3501

Details

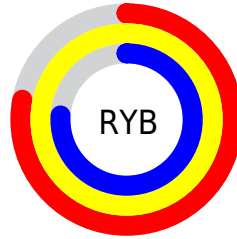
The Yxy color **94.8209, 0.3490, 0.3853** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.1653, 0.2727, 0.2657**, and the grayscale version is **92.6929, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **53.4087, 0.3564, 0.3979** is the 20% darker color. If you saturate the color by 10%, you get **92.9858, 0.3647, 0.4093**, and if you desaturate by 10%, it is **96.8665, 0.3333, 0.3610**.

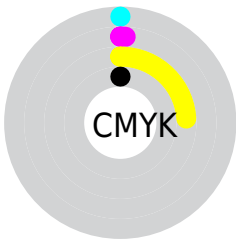
Distribution



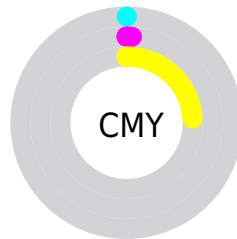
- Red (100%)
- Green (99%)
- Blue (76%)



- Red (78%)
- 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 94.8209, 0.3490, 0.3853 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 94.8209, 0.3490, 0.3853 by changing the saturation by 10% instead.

 94.8209, 0.3490,
0.3853

 94.8209, 0.3490,
0.3853


543.5915, 0.3333,
0.3602

 71.9859, 0.3523,
0.3908

154.0171, 0.3438,
0.3768

 53.1472, 0.3563,
0.3974


191.1472, 0.3417,
0.3734

 37.9203, 0.3611,
0.4056

233.8111, 0.3398,
0.3705

 25.9208, 0.3670,
0.4160

282.3932, 0.3382,
0.3679

 16.7644, 0.3745,
0.4295

337.2778, 0.3368,
0.3657

 10.0667, 0.3840,
0.4476


398.8495, 0.3355,


 5.4432, 0.3960,


0.3636


0.4728


467.4926, 0.3344,
0.3618

 2.5096, 0.4252,
0.5275


 0.8814, 0.4232,
0.5768


 94.8209, 0.3490,
0.3853

 94.8209, 0.3490,
0.3853

 92.9858, 0.3647,
0.4093


 96.8665, 0.3333,
0.3610

 91.3386, 0.3798,
0.4320

 99.1193, 0.3180,
0.3372

 89.8725, 0.3937,
0.4526

99.9928, 0.3127,
0.3290

 88.5756, 0.4057,
0.4700

■ 87.4343, 0.4154,
0.4834

■ 86.4330, 0.4224,
0.4924

■ 85.5527, 0.4267,
0.4969

■ 85.0298, 0.4283,
0.4981

Harmonies

Analogous

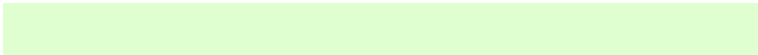
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.8209, 0.3703, 0.3732



94.8209, 0.3490, 0.3853



94.8209, 0.3186, 0.3812

Triad

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



94.8209, 0.3490, 0.3853



94.8209, 0.2535, 0.3023



94.8209, 0.3366, 0.3000

Complementary

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



94.8209, 0.3490, 0.3853



59.1653, 0.2727, 0.2657

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.



94.8209, 0.3043, 0.2829



94.8209, 0.3490, 0.3853



94.8209, 0.2576, 0.2831

Square

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



94.8209, 0.3490, 0.3853



94.8209, 0.2641, 0.3309



94.8209, 0.2757, 0.2766



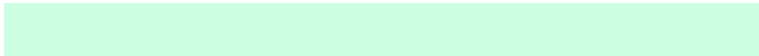
94.8209, 0.3633, 0.3242

Rectangle

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



94.8209, 0.3490, 0.3853



94.8209, 0.2974, 0.3691



94.8209, 0.2757, 0.2766



94.8209, 0.3260, 0.2933

Sweetspot

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



94.8251, 0.3490, 0.3853



98.3459, 0.3232, 0.3454



64.3468, 0.3594, 0.3260



21.0206, 0.3241, 0.3468



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

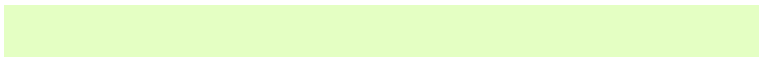
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.8251, 0.3490, 0.3853



94.0100, 0.3561, 0.3961



91.9234, 0.3304, 0.3915



20.9290, 0.3270, 0.3514



44.5115, 0.4282, 0.4982



4.3790, 0.4271, 0.4991

Inverse Universe

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



59.1653, 0.2727, 0.2657



52.9449, 0.2639, 0.2517



61.7601, 0.2912, 0.2658



17.5205, 0.2978, 0.3056



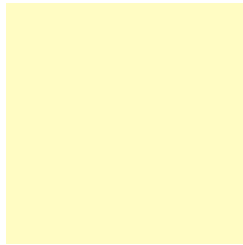
3.9762, 0.1508, 0.0629



0.4352, 0.1527, 0.0698

Previews

White Background



This preview shows how the Yxy color 94.8209, 0.3490, 0.3853 looks on a white background.

Color Contrast Check

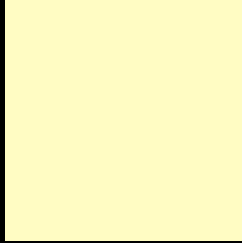
Large Text (above 18pt) WCAG AA × Fail

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 94.8209, 0.3490, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

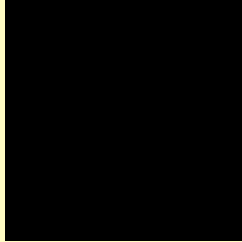
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.8209, 0.3490, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 94.8209, 0.3490, 0.3853.

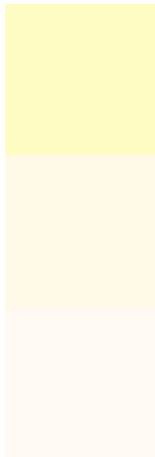


This preview shows how white text looks on a background with the Yxy color 94.8209, 0.3490, 0.3853.

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

94.8209, 0.3490, 0.3853

Protanopia

94.8376, 0.3268, 0.3456

Deuteranopia

94.8659, 0.3202, 0.3338

Tritanopia

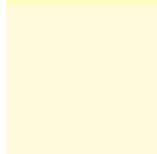
94.9373, 0.3137, 0.3223

Trichromacy



Original Color

94.8209, 0.3490, 0.3853



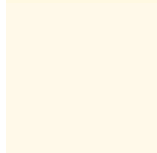
Protanomaly

94.7457, 0.3346, 0.3594



Deuteranomaly

94.5024, 0.3304, 0.3515



Tritanomaly

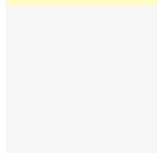
94.8946, 0.3262, 0.3446

Monochromacy



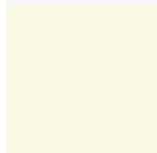
Original Color

94.8209, 0.3490, 0.3853



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 94.8209, 0.3490, 0.3853 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, 195)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 195)  
}
```

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, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 195) }
```

Border

The CSS property to change the border of an element to Yxy 94.8209, 0.3490, 0.3853 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, 195) }
```

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

```
.border{ border-color:rgb(255, 252, 195) }
```

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, 195) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 195);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 94.8209, 0.3490, 0.3853 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, 195) }
```

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

```
.background{ background-color: rgb(255,  
252, 195) }
```

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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