

Converting Colors

$Y_{xy}(95.8322, 0.3498, 0.3944)$

Have a look what the booklet for
Yxy(95.8322, 0.3498, 0.3944)
contains.

Yxy(95.8896, 0.3500, 0.3944)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(95.8896, 0.3500, 0.3944)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFBD
RGB	252, 255, 189
RGB Percent	99%, 100%, 74%
CMY	0.0116, 0.0000, 0.2590
CMYK	0.01, 0.00, 0.26, 0.00
HSL	63°, 100%, 87%
HSV	63°, 26%, 100%
XYZ	85.0947, 95.8896, 62.1435
YIQ	246.5790, 19.3980, -21.1620

Conversions

Conversions Part 2

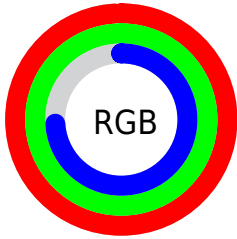
Format	Color
RYB	189, 255, 192
Decimal	16580541
CIELab	98.39, -11.15, 31.32
CIELCh	98, 33.249, 109.597
Yxy	95.8896, 0.3500, 0.3944
Android (android.graphics.Color)	4294770621 (0xFFFCFFBD)
YUV	246.5790, -28.3864, 4.7542
Hunter-Lab	97.9232, -16.2502, 30.9200

Details

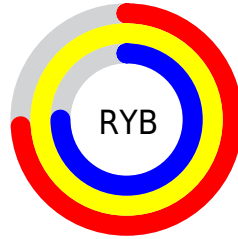
The Yxy color **95.8896, 0.3500, 0.3944** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.7951, 0.2697, 0.2550**, and the grayscale version is **92.8785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4338, 0.3179, 0.3376**, and **53.7395, 0.3576, 0.4083** is the 20% darker color. If you saturate the color by 10%, you get **94.6687, 0.3641, 0.4196**, and if you desaturate by 10%, it is **97.3145, 0.3355, 0.3688**.

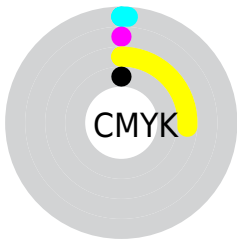
Distribution



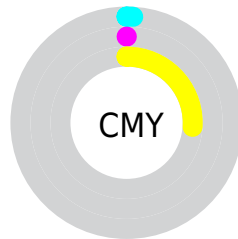
- Red (99%)
- Green (100%)
- Blue (74%)



- Red (74%)
- Yellow (100%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.8896, 0.3500, 0.3944 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 95.8896, 0.3500, 0.3944 by changing the saturation by 10% instead.


 95.8896, 0.3500,
0.3944

 95.8896, 0.3500,
0.3944


547.0090, 0.3341,
0.3652

 72.8756, 0.3533,
0.4008


 155.4930, 0.3447,
0.3845

 53.8743, 0.3572,
0.4085


192.8513, 0.3426,
0.3806

 38.5011, 0.3619,
0.4181

235.7598, 0.3408,
0.3772

 26.3719, 0.3677,
0.4302

284.6028, 0.3391,
0.3742

 17.1020, 0.3747,
0.4458

339.7649, 0.3376,
0.3715

 10.3073, 0.3832,
0.4667

401.6303, 0.3363,

 5.6032, 0.3933,

0.3692

0.4955

470.5836, 0.3352,
0.3671

■ 2.6053, 0.4266,
0.5676

■ 0.9293, 0.3964,
0.6036

■ 95.8896, 0.3500,
0.3944

■ 95.8896, 0.3500,
0.3944

■ 94.6687, 0.3641,
0.4196

■ 97.3145, 0.3355,
0.3688

■ 93.6295, 0.3772,
0.4433

■ 98.9409, 0.3210,
0.3435

■ 92.7649, 0.3888,
0.4646

100.0000, 0.3127,
0.3290

■ 92.0627, 0.3982,
0.4824

■ 91.5088, 0.4052,
0.4961

■ 91.0870, 0.4094,
0.5054

■ 90.7771, 0.4111,
0.5103

■ 90.6702, 0.4114,
0.5116

Harmonies

Analogous

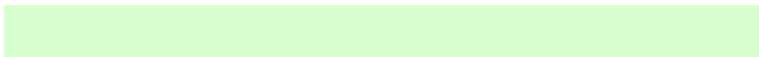
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.8896, 0.3765, 0.3820



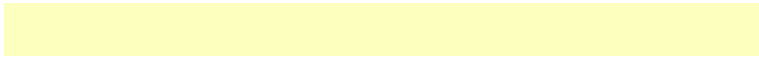
95.8896, 0.3500, 0.3944



95.8896, 0.3144, 0.3875

Triad

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



95.8896, 0.3500, 0.3944



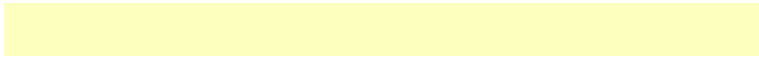
95.8896, 0.2448, 0.2945



95.8896, 0.3446, 0.2991

Complementary

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



95.8896, 0.3500, 0.3944



54.7951, 0.2697, 0.2550

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.



95.8896, 0.3076, 0.2785



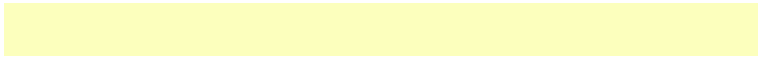
95.8896, 0.3500, 0.3944



95.8896, 0.2516, 0.2746

Square

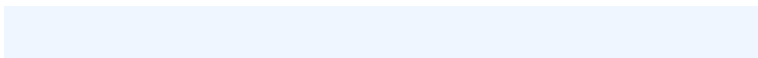
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



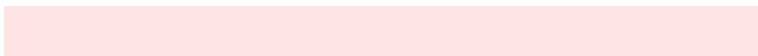
95.8896, 0.3500, 0.3944



95.8896, 0.2547, 0.3263



95.8896, 0.2739, 0.2695



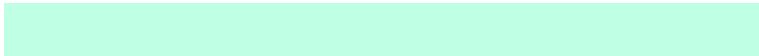
95.8896, 0.3739, 0.3270

Rectangle

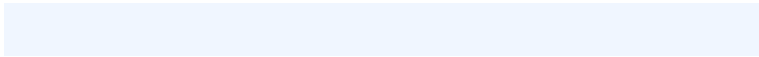
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.8896, 0.3500, 0.3944



95.8896, 0.2906, 0.3718



95.8896, 0.2739, 0.2695



95.8896, 0.3326, 0.2912

Sweetspot

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



95.8936, 0.3500, 0.3944



98.5815, 0.3240, 0.3487



62.2643, 0.3678, 0.3315



21.0467, 0.3262, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

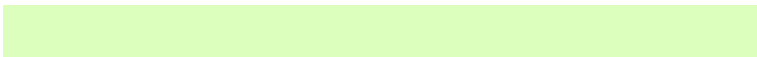
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.8936, 0.3500, 0.3944



95.2448, 0.3573, 0.4074



90.3735, 0.3286, 0.3992



21.0467, 0.3262, 0.3525



47.3954, 0.4115, 0.5115



4.6271, 0.4124, 0.5107

Inverse Universe

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



54.7951, 0.2697, 0.2550



47.8949, 0.2597, 0.2380



59.4742, 0.2927, 0.2596



17.4167, 0.2985, 0.3045



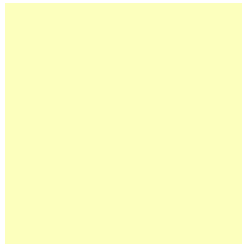
3.8281, 0.1513, 0.0607



0.3858, 0.1545, 0.0625

Previews

White Background



This preview shows how the Yxy color 95.8896, 0.3500, 0.3944 looks on a white background.

Color Contrast Check

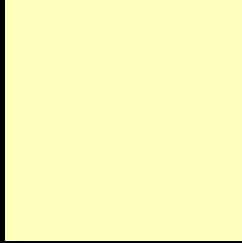
Large Text (above 18pt) WCAG AA × Fail

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 95.8896, 0.3500, 0.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

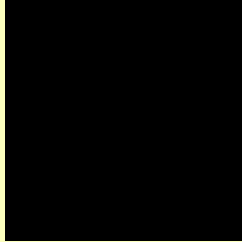
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.8896, 0.3500, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 95.8896, 0.3500, 0.3944.



This preview shows how white text looks on a background with the Yxy color 95.8896, 0.3500, 0.3944.

Color Blindness Simulation

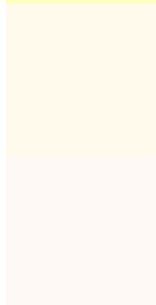
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.8896, 0.3500, 0.3944



Protanopia

95.6873, 0.3243, 0.3426

Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

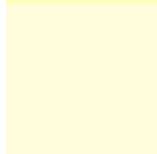
96.0422, 0.3124, 0.3233

Trichromacy



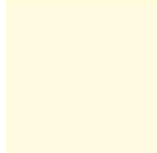
Original Color

95.8896, 0.3500, 0.3944



Protanomaly

95.8061, 0.3337, 0.3614



Deuteranomaly

95.5014, 0.3302, 0.3544



Tritanomaly

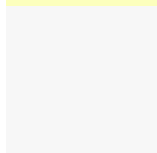
95.6465, 0.3259, 0.3485

Monochromacy



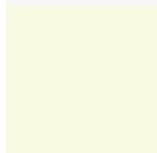
Original Color

95.8896, 0.3500, 0.3944



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.0019, 0.3264, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.8896, 0.3500, 0.3944 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(252, 255, 189)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 189)  
}
```

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(252, 255, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 189) }
```

Border

The CSS property to change the border of an element to Yxy 95.8896, 0.3500, 0.3944 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(252, 255, 189) }
```

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

```
.border{ border-color:rgb(252, 255, 189) }
```

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

Here you see how a box with a 4 pixel rgb(252, 255, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 189);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 95.8896, 0.3500, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 189) }
```

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

```
.background{ background-color: rgb(252,  
255, 189) }
```

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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