

Converting Colors

$Y_{xy}(100.0000, 0.3456, 0.3949)$

Have a look what the booklet for
Yxy(100.0000, 0.3456, 0.3949)
contains.

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Color

Yxy(96.1105, 0.3470, 0.3894)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFC2
RGB	252, 255, 194
RGB Percent	99%, 100%, 76%
CMY	0.0117, 0.0000, 0.2393
CMYK	0.01, 0.00, 0.24, 0.00
HSL	63°, 100%, 88%
HSV	63°, 24%, 100%
XYZ	85.6455, 96.1105, 65.0609
YIQ	247.1490, 17.7930, -19.6070

Conversions

Conversions Part 2

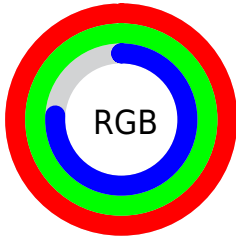
Format	Color
RYB	194, 255, 197
Decimal	16580546
CIELab	98.48, -10.49, 28.92
CIElCh	98, 30.763, 109.943
Yxy	96.1105, 0.3470, 0.3894
Android (android.graphics.Color)	4294770626 (0xFFFCFFC2)
YUV	247.1490, -26.2025, 4.2543
Hunter-Lab	98.0360, -15.6231, 29.2777

Details

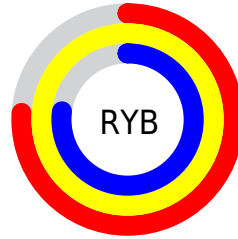
The Yxy color **96.1105, 0.3470, 0.3894** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.6575, 0.2736, 0.2614**, and the grayscale version is **93.3479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **53.8837, 0.3539, 0.4020** is the 20% darker color. If you saturate the color by 10%, you get **94.8324, 0.3612, 0.4148**, and if you desaturate by 10%, it is **97.5921, 0.3325, 0.3638**.

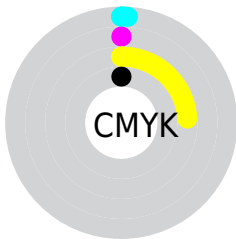
Distribution



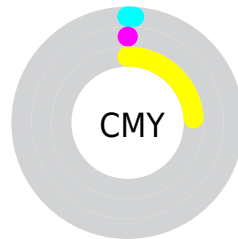
- Red (99%)
- Green (100%)
- Blue (76%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.1105, 0.3470, 0.3894 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 96.1105, 0.3470, 0.3894 by changing the saturation by 10% instead.

 96.1105, 0.3470,
0.3894

 96.1105, 0.3470,
0.3894


547.7140, 0.3323,
0.3624

 73.0596, 0.3501,
0.3953


 155.7979, 0.3421,
0.3802

 54.0247, 0.3537,
0.4025


193.2032, 0.3402,
0.3766

 38.6214, 0.3581,
0.4113


236.1621, 0.3385,
0.3735

 26.4653, 0.3635,
0.4225

285.0589, 0.3369,
0.3707

 17.1721, 0.3701,
0.4371

340.2782, 0.3356,
0.3683

 10.3573, 0.3784,
0.4567


402.2042, 0.3344,


 5.6365, 0.3886,


0.3661


0.4840

471.2213, 0.3333,
0.3642


 2.6253, 0.4144,
0.5431

 0.9394, 0.4036,
0.5964


 96.1105, 0.3470,
0.3894


 96.1105, 0.3470,
0.3894

 94.8324, 0.3612,
0.4148


 97.5921, 0.3325,
0.3638

 93.7397, 0.3745,
0.4389

 99.2784, 0.3182,
0.3386

 92.8241, 0.3863,
0.4608

100.0000, 0.3127,
0.3290

 92.0736, 0.3961,
0.4795

■ 91.4746, 0.4035,
0.4942

■ 91.0114, 0.4082,
0.5044

■ 90.6647, 0.4103,
0.5102

■ 90.4944, 0.4107,
0.5121

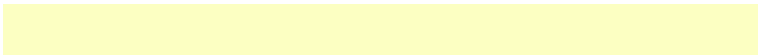
Harmonies

Analogous

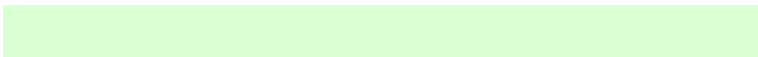
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1105, 0.3716, 0.3784



96.1105, 0.3470, 0.3894



96.1105, 0.3140, 0.3826

Triad

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



96.1105, 0.3470, 0.3894



96.1105, 0.2496, 0.2970



96.1105, 0.3427, 0.3015

Complementary

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



96.1105, 0.3470, 0.3894



57.6575, 0.2736, 0.2614

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.



96.1105, 0.3085, 0.2822



96.1105, 0.3470, 0.3894



96.1105, 0.2561, 0.2785

Square

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



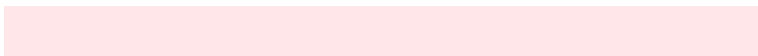
96.1105, 0.3470, 0.3894



96.1105, 0.2587, 0.3263



96.1105, 0.2771, 0.2737



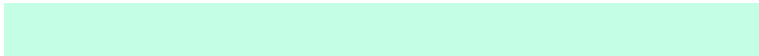
96.1105, 0.3695, 0.3277

Rectangle

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



96.1105, 0.3470, 0.3894



96.1105, 0.2919, 0.3681



96.1105, 0.2771, 0.2737



96.1105, 0.3316, 0.2941

Sweetspot

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



96.1132, 0.3470, 0.3894



98.7383, 0.3226, 0.3462



64.6386, 0.3624, 0.3313



21.1118, 0.3234, 0.3478



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

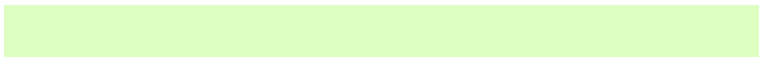
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.1132, 0.3470, 0.3894



95.4398, 0.3542, 0.4024



91.0154, 0.3274, 0.3934



21.0429, 0.3262, 0.3525



47.3050, 0.4108, 0.5120



4.6193, 0.4118, 0.5112

Inverse Universe

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



57.6575, 0.2736, 0.2614



50.5603, 0.2639, 0.2448



62.0464, 0.2945, 0.2653



17.4201, 0.2986, 0.3045



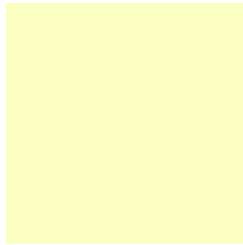
3.8329, 0.1514, 0.0608



0.3874, 0.1548, 0.0627

Previews

White Background



This preview shows how the Yxy color 96.1105, 0.3470, 0.3894 looks on a white background.

Color Contrast Check

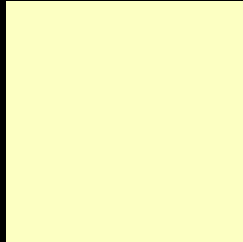
Large Text (above 18pt) WCAG AA × Fail

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 96.1105, 0.3470, 0.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

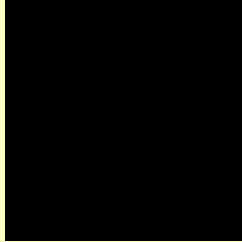
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.1105, 0.3470, 0.3894

Background



This preview shows how black text looks on a background with the Yxy color 96.1105, 0.3470, 0.3894.

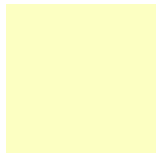


This preview shows how white text looks on a background with the Yxy color 96.1105, 0.3470, 0.3894.

Color Blindness Simulation

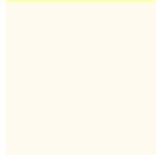
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



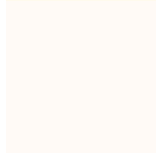
Original Color

96.1105, 0.3470, 0.3894



Protanopia

95.7456, 0.3236, 0.3416



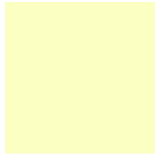
Deuteranopia

96.2850, 0.3183, 0.3329

Tritanopia

96.0422, 0.3124, 0.3233

Trichromacy



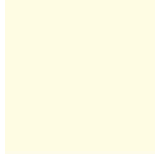
Original Color

96.1105, 0.3470, 0.3894



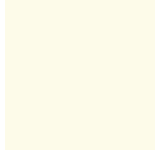
Protanomaly

95.9121, 0.3325, 0.3594



Deuteranomaly

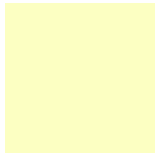
96.2377, 0.3288, 0.3534



Tritanomaly

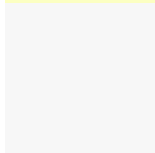
95.7602, 0.3247, 0.3466

Monochromacy



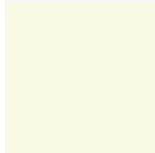
Original Color

96.1105, 0.3470, 0.3894



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.1124, 0.3252, 0.3507

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1105, 0.3470, 0.3894 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, 194)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 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(252, 255, 194) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Yxy 96.1105, 0.3470, 0.3894 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, 194) }
```

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

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

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, 194)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to Yxy 96.1105, 0.3470, 0.3894 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, 194) }
```

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

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