

Converting Colors

$Yxy(96.3550, 0.3480, 0.3894)$

Have a look what the booklet for
Yxy(96.3550, 0.3480, 0.3894)
contains.

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Color

Yxy(96.2977, 0.3476, 0.3892)

Conversions

Conversions Part 1

Format	Color
Hex	<code>FDFFC2</code>
RGB	<code>253, 255, 194</code>
RGB Percent	<code>99%, 100%, 76%</code>
CMY	<code>0.0079, 0.0000, 0.2390</code>
CMYK	<code>0.01, 0.00, 0.24, 0.00</code>
HSL	<code>62°, 100%, 88%</code>
HSV	<code>62°, 24%, 100%</code>
XYZ	<code>86.0048, 96.2977, 65.1222</code>
YIQ	<code>247.4480, 18.3890, -19.3950</code>

Conversions

Conversions Part 2

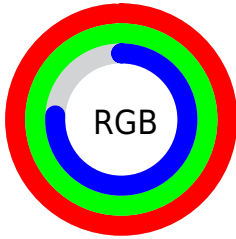
Format	Color
RYB	194, 255, 196
Decimal	16646082
CIELab	98.55, -10.14, 28.99
CIELCh	99, 30.715, 109.274
Yxy	96.2977, 0.3476, 0.3892
Android (android.graphics.Color)	4294836162 (0xFFFDFFC2)
YUV	247.4480, -26.3499, 4.8691
Hunter-Lab	98.1314, -15.2880, 29.3458

Details

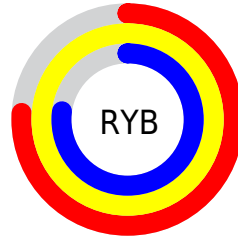
The Yxy color **96.2977, 0.3476, 0.3892** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.5716, 0.2730, 0.2614**, and the grayscale version is **93.6023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.7450, 0.3150, 0.3328**, and **54.0174, 0.3548, 0.4018** is the 20% darker color. If you saturate the color by 10%, you get **95.0887, 0.3621, 0.4144**, and if you desaturate by 10%, it is **97.7016, 0.3329, 0.3636**.

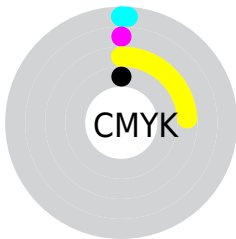
Distribution



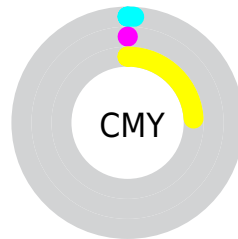
- Red (99%)
- Green (100%)
- Blue (76%)



- 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 96.2977, 0.3476, 0.3892 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 96.2977, 0.3476, 0.3892 by changing the saturation by 10% instead.

 96.2977, 0.3476,
0.3892

 96.2977, 0.3476,
0.3892

548.3111, 0.3327,
0.3623

 73.2155, 0.3507,
0.3951

 156.0562, 0.3426,
0.3801

 54.1522, 0.3544,
0.4022


193.5013, 0.3407,
0.3765

 38.7234, 0.3589,
0.4110

236.5029, 0.3389,
0.3734

 26.5446, 0.3644,
0.4221

285.4453, 0.3374,
0.3706

 17.2315, 0.3712,
0.4366

340.7129, 0.3360,
0.3682

 10.3997, 0.3797,
0.4560


402.6902, 0.3348,


 5.6648, 0.3901,

0.3660

0.4830

471.7614, 0.3337,
0.3641


 2.6423, 0.4162,
0.5410


 0.9480, 0.4076,
0.5924


 96.2977, 0.3476,
0.3892


 96.2977, 0.3476,
0.3892

 95.0887, 0.3621,
0.4144

 97.7016, 0.3329,
0.3636

 94.0682, 0.3756,
0.4384

 99.3133, 0.3183,
0.3385

 93.2241, 0.3878,
0.4600

100.0000, 0.3127,
0.3290

 92.5443, 0.3979,
0.4784

■ 92.0152, 0.4055,
0.4927

■ 91.6211, 0.4105,
0.5026

■ 91.3428, 0.4129,
0.5081

■ 91.2131, 0.4135,
0.5099

Harmonies

Analogous

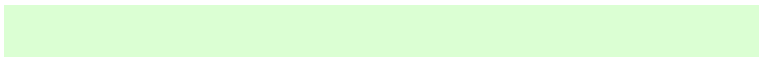
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.2977, 0.3718, 0.3779



96.2977, 0.3476, 0.3892



96.2977, 0.3148, 0.3828

Triad

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



96.2977, 0.3476, 0.3892



96.2977, 0.2498, 0.2976



96.2977, 0.3419, 0.3010

Complementary

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



96.2977, 0.3476, 0.3892



57.5716, 0.2730, 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.



96.2977, 0.3077, 0.2820



96.2977, 0.3476, 0.3892



96.2977, 0.2560, 0.2789

Square

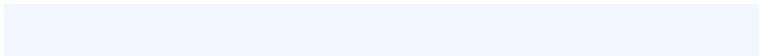
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



96.2977, 0.3476, 0.3892



96.2977, 0.2592, 0.3270



96.2977, 0.2766, 0.2738



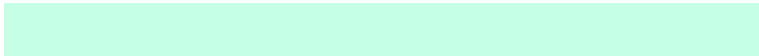
96.2977, 0.3689, 0.3271

Rectangle

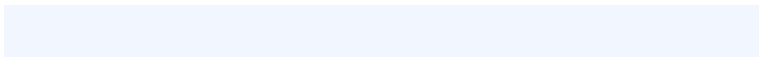
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



96.2977, 0.3476, 0.3892



96.2977, 0.2927, 0.3686



96.2977, 0.2766, 0.2738



96.2977, 0.3308, 0.2937

Sweetspot

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



96.2965, 0.3476, 0.3892



98.7912, 0.3227, 0.3462



64.2176, 0.3626, 0.3302



21.1241, 0.3236, 0.3477



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

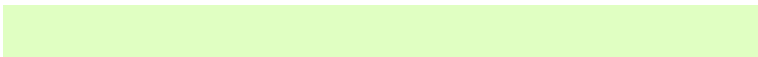
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.2965, 0.3476, 0.3892



95.6567, 0.3550, 0.4022



91.1864, 0.3281, 0.3932



21.0583, 0.3264, 0.3525



47.6745, 0.4136, 0.5098



4.6511, 0.4143, 0.5093

Inverse Universe

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



57.5716, 0.2730, 0.2614



50.4167, 0.2631, 0.2446



61.9211, 0.2938, 0.2653



17.4064, 0.2984, 0.3044



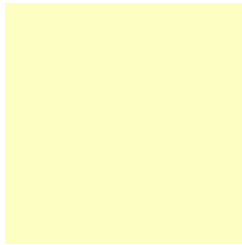
3.8135, 0.1510, 0.0605



0.3810, 0.1533, 0.0618

Previews

White Background



This preview shows how the Yxy color 96.2977, 0.3476, 0.3892 looks on a white background.

Color Contrast Check

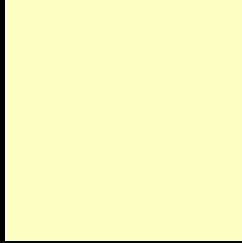
Large Text (above 18pt) WCAG AA × Fail

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 96.2977, 0.3476, 0.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

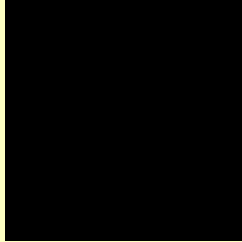
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.2977, 0.3476, 0.3892

Background



This preview shows how black text looks on a background with the Yxy color 96.2977, 0.3476, 0.3892.



This preview shows how white text looks on a background with the Yxy color 96.2977, 0.3476, 0.3892.

Color Blindness Simulation

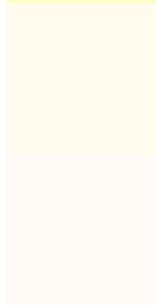
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

96.2977, 0.3476, 0.3892



Protanopia

96.4274, 0.3230, 0.3416

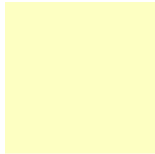
Deuteranopia

96.2850, 0.3183, 0.3329

Tritanopia

96.0422, 0.3124, 0.3233

Trichromacy



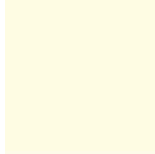
Original Color

96.2977, 0.3476, 0.3892



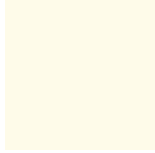
Protanomaly

95.9656, 0.3319, 0.3584



Deuteranomaly

96.2377, 0.3288, 0.3534



Tritanomaly

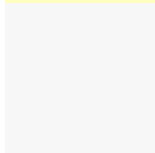
95.9484, 0.3253, 0.3465

Monochromacy



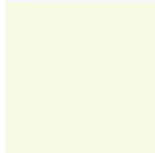
Original Color

96.2977, 0.3476, 0.3892



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 96.2977, 0.3476, 0.3892 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(253, 255, 194)` looks like.

```
.text, #text, p{  
    color:rgb(253, 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(253, 255, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 194) }
```

Border

The CSS property to change the border of an element to Yxy 96.2977, 0.3476, 0.3892 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(253, 255, 194) }
```

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

```
.border{ border-color:rgb(253, 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(253, 255, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 194);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 96.2977, 0.3476, 0.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 194) }
```

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

```
.background{ background-color: rgb(253,  
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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