

Converting Colors

$Y_{xy}(100.0000, 0.3431, 0.3905)$

Have a look what the booklet for
Yxy(100.0000, 0.3431, 0.3905)
contains.

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Color

Yxy(96.2927, 0.3446, 0.3854)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFC6
RGB	252, 255, 198
RGB Percent	99%, 100%, 78%
CMY	0.0117, 0.0000, 0.2236
CMYK	0.01, 0.00, 0.22, 0.00
HSL	63°, 100%, 89%
HSV	63°, 22%, 100%
XYZ	86.0988, 96.2927, 67.4599
YIQ	247.6050, 16.5090, -18.3630

Conversions

Conversions Part 2

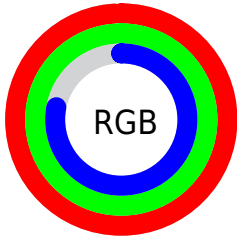
Format	Color
R_{YB}	198, 255, 201
Decimal	16580550
CIE _{Lab}	98.55, -9.95, 27.00
CIE _{LCh}	99, 28.774, 110.239
Yxy	96.2927, 0.3446, 0.3854
Android (android.graphics.Color)	4294770630 (0xFFFCFFC6)
YUV	247.6050, -24.4553, 3.8544
Hunter-Lab	98.1288, -15.1086, 27.9306

Details

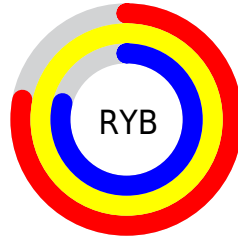
The Yxy color **96.2927, 0.3446, 0.3854** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.0109, 0.2767, 0.2664**, and the grayscale version is **93.7235, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **54.0039, 0.3509, 0.3970** is the 20% darker color. If you saturate the color by 10%, you get **94.9660, 0.3588, 0.4109**, and if you desaturate by 10%, it is **97.8216, 0.3302, 0.3598**.

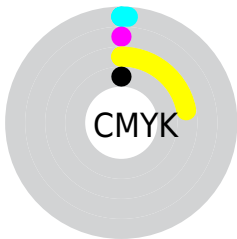
Distribution



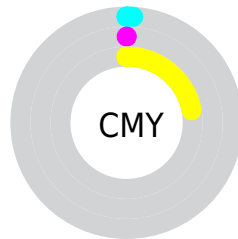
- Red (99%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)



- Cyan (1%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.2927, 0.3446, 0.3854 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 96.2927, 0.3446, 0.3854 by changing the saturation by 10% instead.


 96.2927, 0.3446,
0.3854

 96.2927, 0.3446,
0.3854

548.2952, 0.3309,
0.3602

 73.2114, 0.3475,
0.3909

156.0493, 0.3401,
0.3768

 54.1488, 0.3509,
0.3976

193.4934, 0.3382,
0.3735

 38.7206, 0.3550,
0.4059


236.4938, 0.3366,
0.3705

 26.5425, 0.3601,
0.4164

285.4350, 0.3352,
0.3680

 17.2299, 0.3665,
0.4301

340.7013, 0.3340,
0.3657

 10.3985, 0.3745,
0.4486

402.6772, 0.3328,

 5.6640, 0.3845,

0.3637

0.4746

471.7470, 0.3318,
0.3619

■ 2.6419, 0.4056,
0.5252

■ 0.9478, 0.4092,
0.5908

■ 96.2927, 0.3446,
0.3854

■ 96.2927, 0.3446,
0.3854

■ 94.9660, 0.3588,
0.4109

■ 97.8216, 0.3302,
0.3598


■ 93.8281, 0.3722,
0.4354


■ 99.5584, 0.3160,
0.3348


■ 92.8693, 0.3842,
0.4577


100.0000, 0.3127,
0.3290

■ 92.0778, 0.3943,
0.4771

 91.4403, 0.4020,
0.4925

 90.9414, 0.4071,
0.5034

 90.5626, 0.4096,
0.5100

 90.3332, 0.4100,
0.5126

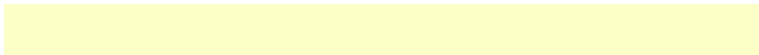
Harmonies

Analogous

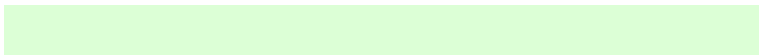
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.2927, 0.3676, 0.3755



96.2927, 0.3446, 0.3854



96.2927, 0.3137, 0.3787

Triad

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



96.2927, 0.3446, 0.3854



96.2927, 0.2535, 0.2989



96.2927, 0.3410, 0.3035

Complementary

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



96.2927, 0.3446, 0.3854



60.0109, 0.2767, 0.2664

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.



96.2927, 0.3091, 0.2852



96.2927, 0.3446, 0.3854



96.2927, 0.2598, 0.2816

Square

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



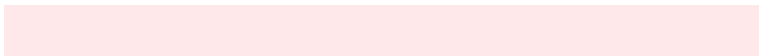
96.2927, 0.3446, 0.3854



96.2927, 0.2620, 0.3263



96.2927, 0.2797, 0.2771



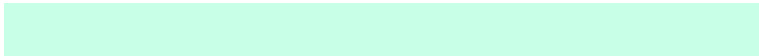
96.2927, 0.3659, 0.3281

Rectangle

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



96.2927, 0.3446, 0.3854



96.2927, 0.2931, 0.3652



96.2927, 0.2797, 0.2771



96.2927, 0.3307, 0.2964

Sweetspot

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



96.2939, 0.3446, 0.3854



98.7262, 0.3225, 0.3462



67.0298, 0.3581, 0.3321



21.1090, 0.3234, 0.3478



0.0000, 0.0000, 0.0000



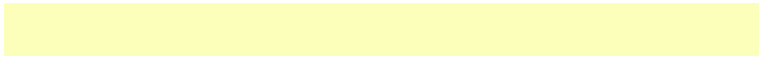
21.4041, 0.3127, 0.3290

Same Dimension

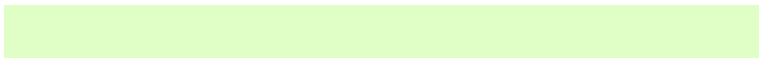
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.2939, 0.3446, 0.3854



95.6537, 0.3512, 0.3973



91.3857, 0.3259, 0.3889



21.0394, 0.3261, 0.3525



47.2221, 0.4102, 0.5125



4.6121, 0.4113, 0.5116

Inverse Universe

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



60.0109, 0.2767, 0.2664



53.3170, 0.2680, 0.2515



64.3121, 0.2966, 0.2699



17.4232, 0.2987, 0.3045



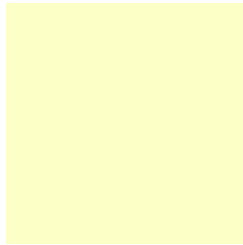
3.8373, 0.1515, 0.0608



0.3889, 0.1552, 0.0629

Previews

White Background



This preview shows how the Yxy color 96.2927, 0.3446, 0.3854 looks on a white background.

Color Contrast Check

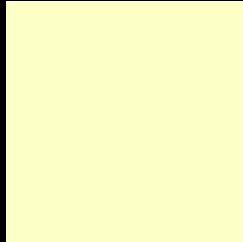
Large Text (above 18pt) WCAG AA × Fail

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 96.2927, 0.3446, 0.3854 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

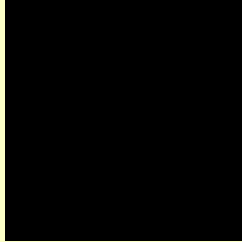
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.2927, 0.3446, 0.3854

Background



This preview shows how black text looks on a background with the Yxy color 96.2927, 0.3446, 0.3854.

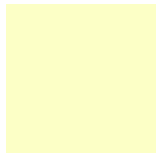


This preview shows how white text looks on a background with the Yxy color 96.2927, 0.3446, 0.3854.

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

96.2927, 0.3446, 0.3854



Protanopia

96.4274, 0.3230, 0.3416

Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

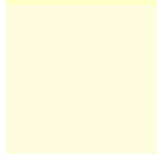
96.0422, 0.3124, 0.3233

Trichromacy



Original Color

96.2927, 0.3446, 0.3854



Protanomaly

96.0194, 0.3313, 0.3574



Deuteranomaly

96.3488, 0.3276, 0.3514

Tritanomaly

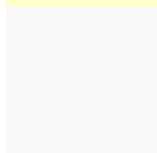
95.8175, 0.3241, 0.3456

Monochromacy



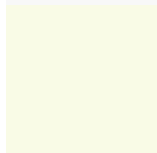
Original Color

96.2927, 0.3446, 0.3854



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

94.8473, 0.3239, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.2927, 0.3446, 0.3854 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, 198)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 198)  
}
```

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, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 198) }
```

Border

The CSS property to change the border of an element to Yxy 96.2927, 0.3446, 0.3854 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, 198) }
```

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

```
.border{ border-color:rgb(252, 255, 198) }
```

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, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 96.2927, 0.3446, 0.3854 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, 198) }
```

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

```
.background{ background-color: rgb(252,  
255, 198) }
```

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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