

Converting Colors

$Y_{xy}(100.0000, 0.3397, 0.3874)$

Have a look what the booklet for
Yxy(100.0000, 0.3397, 0.3874)
contains.

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Color

Yxy(96.1083, 0.3408, 0.3816)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFCA
RGB	250, 255, 202
RGB Percent	98%, 100%, 79%
CMY	0.0198, 0.0000, 0.2078
CMYK	0.02, 0.00, 0.21, 0.00
HSL	66°, 100%, 90%
HSV	66°, 21%, 100%
XYZ	85.8326, 96.1083, 69.9153
YIQ	247.4630, 14.0330, -17.5430

Conversions

Conversions Part 2

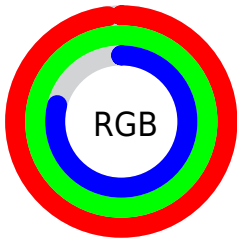
Format	Color
R _Y B	202, 255, 207
Decimal	16449482
CIE Lab	98.48, -10.14, 24.83
CIE LCh	98, 26.817, 112.212
Yxy	96.1083, 0.3408, 0.3816
Android (android.graphics.Color)	4294639562 (0xFFFAFFCA)
YUV	247.4630, -22.4133, 2.2249
Hunter-Lab	98.0348, -15.2786, 26.3407

Details

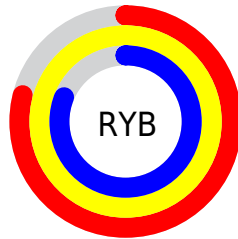
The Yxy color **96.1083, 0.3408, 0.3816** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.7465, 0.2811, 0.2717**, and the grayscale version is **93.5735, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.8637, 0.3462, 0.3923** is the 20% darker color. If you saturate the color by 10%, you get **94.5432, 0.3543, 0.4075**, and if you desaturate by 10%, it is **97.8612, 0.3272, 0.3558**.

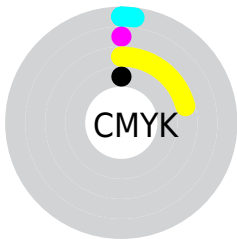
Distribution



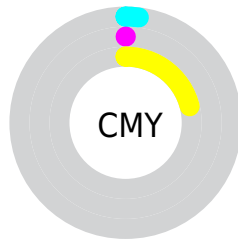
- Red (98%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (81%)



- Cyan (2%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 96.1083, 0.3408, 0.3816 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 96.1083, 0.3408, 0.3816 by changing the saturation by 10% instead.


 96.1083, 0.3408,
0.3816

 96.1083, 0.3408,
0.3816


547.7070, 0.3287,
0.3581

 73.0578, 0.3433,
0.3868


155.7949, 0.3368,
0.3736

 54.0232, 0.3464,
0.3930


193.1997, 0.3352,
0.3704

 38.6202, 0.3500,
0.4008


236.1581, 0.3338,
0.3677

 26.4644, 0.3545,
0.4107

285.0544, 0.3325,
0.3653

 17.1714, 0.3602,
0.4237

340.2731, 0.3314,
0.3632

 10.3568, 0.3674,
0.4413

402.1985, 0.3304,

 5.6361, 0.3766,

0.3613

0.4664

471.2150, 0.3295,
0.3596

■ 2.6251, 0.3931,
0.5112

■ 0.9393, 0.4069,
0.5931

■ 96.1083, 0.3408,
0.3816

■ 96.1083, 0.3408,
0.3816

■ 94.5432, 0.3543,
0.4075

■ 97.8612, 0.3272,
0.3558


■ 93.1825, 0.3670,
0.4328

99.8374, 0.3137,
0.3309


■ 92.0068, 0.3786,
0.4563


100.0000, 0.3127,
0.3290

■ 91.0042, 0.3882,
0.4770

 90.1619, 0.3956,
0.4939

 89.4647, 0.4003,
0.5066

 88.8948, 0.4024,
0.5147

 88.4559, 0.4024,
0.5187

Harmonies

Analogous

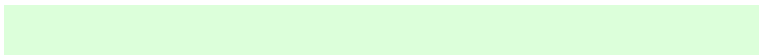
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.1083, 0.3629, 0.3735



96.1083, 0.3408, 0.3816



96.1083, 0.3118, 0.3742

Triad

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



96.1083, 0.3408, 0.3816



96.1083, 0.2573, 0.2997



96.1083, 0.3410, 0.3065

Complementary

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



96.1083, 0.3408, 0.3816



62.7465, 0.2811, 0.2717

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.



96.1083, 0.3114, 0.2888



96.1083, 0.3408, 0.3816



96.1083, 0.2641, 0.2841

Square

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



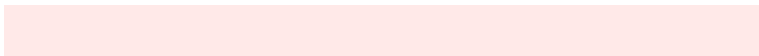
96.1083, 0.3408, 0.3816



96.1083, 0.2644, 0.3247



96.1083, 0.2835, 0.2806



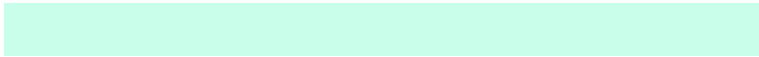
96.1083, 0.3634, 0.3299

Rectangle

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



96.1083, 0.3408, 0.3816



96.1083, 0.2927, 0.3611



96.1083, 0.2835, 0.2806



96.1083, 0.3315, 0.2998

Sweetspot

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



96.0995, 0.3408, 0.3816



98.7778, 0.3207, 0.3438



69.8777, 0.3537, 0.3337



21.1150, 0.3216, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

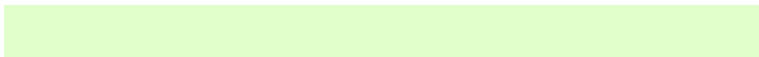
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.0995, 0.3408, 0.3816



95.4177, 0.3465, 0.3926



91.6477, 0.3239, 0.3845



20.9975, 0.3254, 0.3526



46.2562, 0.4026, 0.5185



4.5283, 0.4047, 0.5169

Inverse Universe

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



62.7465, 0.2811, 0.2717



56.5056, 0.2736, 0.2584



66.7816, 0.2992, 0.2746



17.4606, 0.2993, 0.3045



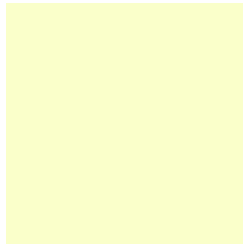
3.9035, 0.1531, 0.0617



0.4066, 0.1594, 0.0652

Previews

White Background



This preview shows how the Yxy color 96.1083, 0.3408, 0.3816 looks on a white background.

Color Contrast Check

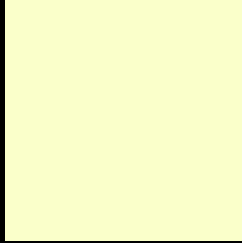
Large Text (above 18pt) WCAG AA × Fail

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 96.1083, 0.3408, 0.3816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

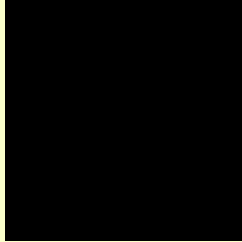
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.1083, 0.3408, 0.3816

Background



This preview shows how black text looks on a background with the Yxy color 96.1083, 0.3408, 0.3816.

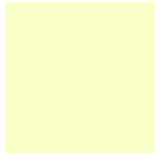


This preview shows how white text looks on a background with the Yxy color 96.1083, 0.3408, 0.3816.

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

96.1083, 0.3408, 0.3816

Protanopia

95.8043, 0.3230, 0.3406

Deuteranopia

96.2850, 0.3183, 0.3329

Tritanopia

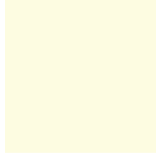
95.8540, 0.3117, 0.3233

Trichromacy



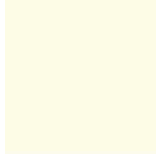
Original Color

96.1083, 0.3408, 0.3816



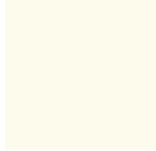
Protanomaly

95.9397, 0.3294, 0.3554



Deuteranomaly

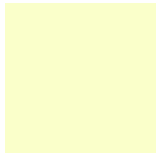
96.2166, 0.3264, 0.3505



Tritanomaly

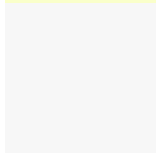
95.7459, 0.3222, 0.3436

Monochromacy



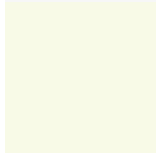
Original Color

96.1083, 0.3408, 0.3816



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.0972, 0.3227, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.1083, 0.3408, 0.3816 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(250, 255, 202)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 202)  
}
```

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(250, 255, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 202) }
```

Border

The CSS property to change the border of an element to Yxy 96.1083, 0.3408, 0.3816 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(250, 255, 202) }
```

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

```
.border{ border-color:rgb(250, 255, 202) }
```

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

Here you see how a box with a 4 pixel rgb(250, 255, 202) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 202);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
202) }
```


Background

The CSS property to change the background color of an element to Yxy 96.1083, 0.3408, 0.3816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 202) }
```

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

```
.background{ background-color: rgb(250,  
255, 202) }
```

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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