

Converting Colors

$Y_{xy}(144.7221, 0.3289, 0.4301)$

Have a look what the booklet for
Yxy(144.7221, 0.3289, 0.4301)
contains.

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Color

Yxy(96.3490, 0.3379, 0.3766)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFCF
RGB	250, 255, 207
RGB Percent	98%, 100%, 81%
CMY	0.0195, 0.0000, 0.1884
CMYK	0.02, 0.00, 0.19, 0.00
HSL	66°, 100%, 91%
HSV	66°, 19%, 100%
XYZ	86.4480, 96.3490, 73.0421
YIQ	248.0330, 12.4280, -15.9880

Conversions

Conversions Part 2

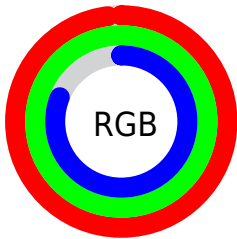
Format	Color
R _Y B	207, 255, 212
Decimal	16449487
CIE Lab	98.57, -9.40, 22.46
CIE LCh	99, 24.343, 112.707
Yxy	96.3490, 0.3379, 0.3766
Android (android.graphics.Color)	4294639567 (0xFFFAFFCF)
YUV	248.0330, -20.2293, 1.7251
Hunter-Lab	98.1575, -14.5695, 24.5907

Details

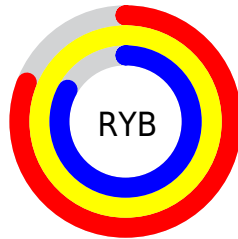
The Yxy color **96.3490, 0.3379, 0.3766** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.8107, 0.2847, 0.2776**, and the grayscale version is **94.0594, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.9926, 0.3432, 0.3872** is the 20% darker color. If you saturate the color by 10%, you get **94.7184, 0.3513, 0.4026**, and if you desaturate by 10%, it is **98.1918, 0.3244, 0.3509**.

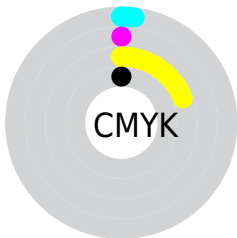
Distribution



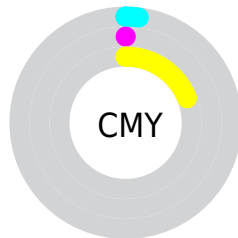
- Red (98%)
- Green (100%)
- Blue (81%)



- Red (81%)
- Yellow (100%)
- Blue (83%)



- Cyan (2%)
- Magenta (0%)
- Yellow (19%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (19%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 96.3490, 0.3379, 0.3766 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 96.3490, 0.3379, 0.3766 by changing the saturation by 10% instead.


 96.3490, 0.3379,
0.3766

 96.3490, 0.3379,
0.3766


548.4747, 0.3271,
0.3553

 73.2583, 0.3402,
0.3813


156.1270, 0.3343,
0.3694

 54.1872, 0.3429,
0.3870


193.5830, 0.3328,
0.3665

 38.7513, 0.3463,
0.3940


236.5963, 0.3316,
0.3640

 26.5663, 0.3504,
0.4030

285.5512, 0.3305,
0.3619

 17.2478, 0.3556,
0.4147

340.8320, 0.3295,
0.3600

 10.4113, 0.3623,
0.4308

402.8233, 0.3286,

 5.6725, 0.3711,

0.3582

0.4538

471.9094, 0.3278,
0.3567

■ 2.6470, 0.3843,
0.4916

■ 0.9503, 0.4144,
0.5856

■ 96.3490, 0.3379,
0.3766

■ 96.3490, 0.3379,
0.3766

■ 94.7184, 0.3513,
0.4026

■ 98.1918, 0.3244,
0.3509

■ 93.2844, 0.3641,
0.4282

100.0000, 0.3127,
0.3290

■ 92.0384, 0.3757,
0.4522

■ 90.9691, 0.3856,
0.4737

■ 90.0637, 0.3933,
0.4917

■ 89.3075, 0.3984,
0.5053

■ 88.6834, 0.4008,
0.5144

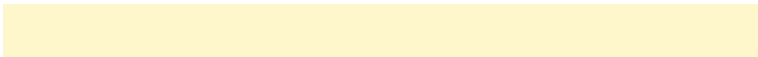
■ 88.1662, 0.4009,
0.5194

■ 88.1095, 0.4009,
0.5199

Harmonies

Analogous

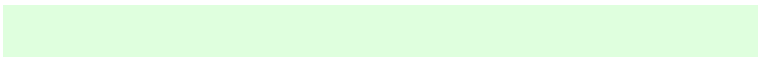
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



96.3490, 0.3580, 0.3697



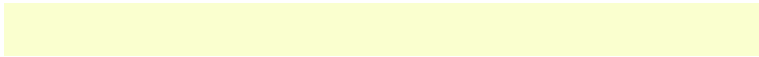
96.3490, 0.3379, 0.3766



96.3490, 0.3116, 0.3696

Triad

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



96.3490, 0.3379, 0.3766



96.3490, 0.2622, 0.3022



96.3490, 0.3388, 0.3089

Complementary

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



96.3490, 0.3379, 0.3766



65.8107, 0.2847, 0.2776

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.



96.3490, 0.3121, 0.2926



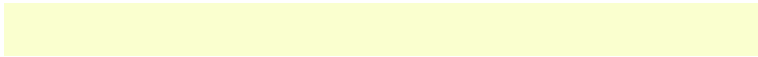
96.3490, 0.3379, 0.3766



96.3490, 0.2687, 0.2880

Square

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



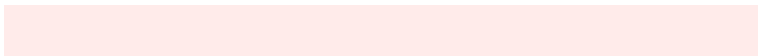
96.3490, 0.3379, 0.3766



96.3490, 0.2685, 0.3249



96.3490, 0.2866, 0.2849



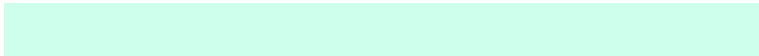
96.3490, 0.3588, 0.3304

Rectangle

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



96.3490, 0.3379, 0.3766



96.3490, 0.2942, 0.3577



96.3490, 0.2866, 0.2849



96.3490, 0.3302, 0.3027

Sweetspot

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



96.3510, 0.3379, 0.3766



98.7541, 0.3206, 0.3438



72.7295, 0.3489, 0.3340



21.1094, 0.3215, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

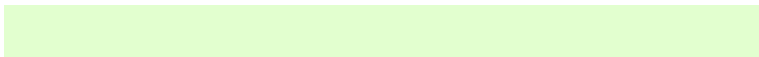
The Same Dimension uses a secret algorithm to generate beautiful new colors.



96.3510, 0.3379, 0.3766



95.6473, 0.3435, 0.3874



92.2195, 0.3223, 0.3790



20.9895, 0.3253, 0.3526



46.0778, 0.4012, 0.5196



4.5128, 0.4034, 0.5179

Inverse Universe

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



65.8107, 0.2847, 0.2776



59.4740, 0.2775, 0.2648



69.6193, 0.3012, 0.2801



17.4678, 0.2995, 0.3045



3.9194, 0.1535, 0.0619



0.4099, 0.1601, 0.0656

Previews

White Background



This preview shows how the Yxy color 96.3490, 0.3379, 0.3766 looks on a white background.

Color Contrast Check

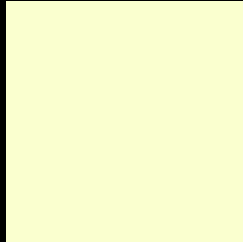
Large Text (above 18pt) WCAG AA × Fail

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 96.3490, 0.3379, 0.3766 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

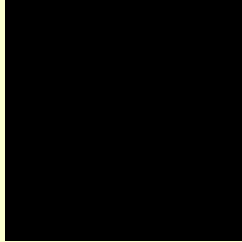
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 96.3490, 0.3379, 0.3766

Background



This preview shows how black text looks on a background with the Yxy color 96.3490, 0.3379, 0.3766.

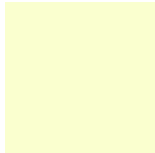


This preview shows how white text looks on a background with the Yxy color 96.3490, 0.3379, 0.3766.

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

96.3490, 0.3379, 0.3766



Protanopia

96.4864, 0.3224, 0.3406

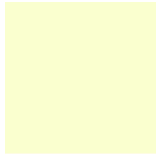
Deuteranopia

96.3466, 0.3177, 0.3319

Tritanopia

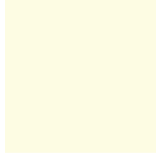
96.4739, 0.3117, 0.3242

Trichromacy



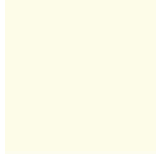
Original Color

96.3490, 0.3379, 0.3766



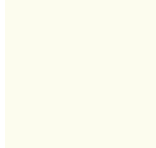
Protanomaly

96.0495, 0.3282, 0.3535



Deuteranomaly

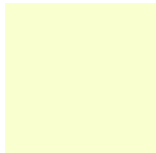
96.3296, 0.3252, 0.3485



Tritanomaly

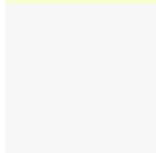
96.4893, 0.3209, 0.3426

Monochromacy



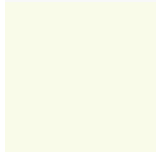
Original Color

96.3490, 0.3379, 0.3766



Achromatopsia

93.8686, 0.3127, 0.3290



Achromatomaly

95.0173, 0.3221, 0.3467

CSS Examples

Text

The CSS property to change the color of the text to Yxy 96.3490, 0.3379, 0.3766 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, 207)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 207)  
}
```

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, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 207) }
```

Border

The CSS property to change the border of an element to Yxy 96.3490, 0.3379, 0.3766 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, 207) }
```

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

```
.border{ border-color:rgb(250, 255, 207) }
```

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, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 207);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
207) }
```


Background

The CSS property to change the background color of an element to Yxy 96.3490, 0.3379, 0.3766 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, 207) }
```

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

```
.background{ background-color: rgb(250,  
255, 207) }
```

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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