

Converting Colors

$Y_{xy}(95.6730, 0.3401, 0.3829)$

Have a look what the booklet for
Yxy(95.6730, 0.3401, 0.3829)
contains.

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Color

Yxy(95.6935, 0.3401, 0.3828)

Conversions

Conversions Part 1

Format	Color
Hex	F8FFC9
RGB	248, 255, 201
RGB Percent	97%, 100%, 79%
CMY	0.0274, 0.0000, 0.2116
CMYK	0.03, 0.00, 0.21, 0.00
HSL	68°, 100%, 89%
HSV	68°, 21%, 100%
XYZ	85.0192, 95.6935, 69.2703
YIQ	246.7510, 13.1620, -18.2780

Conversions

Conversions Part 2

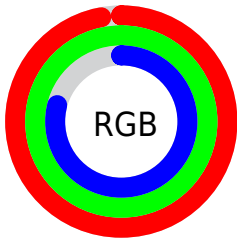
Format	Color
R_{YB}	201, 255, 208
Decimal	16318409
CIE _{Lab}	98.31, -10.96, 25.07
CIE _{LCh}	98, 27.365, 113.606
Yxy	95.6935, 0.3401, 0.3828
Android (android.graphics.Color)	4294508489 (0xFFFF8FFC9)
YUV	246.7510, -22.5552, 1.0954
Hunter-Lab	97.8231, -16.0538, 26.4918

Details

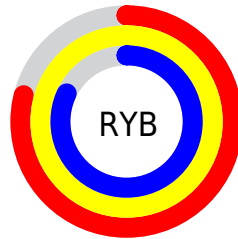
The Yxy color **95.6935, 0.3401, 0.3828** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.4255, 0.2817, 0.2707**, and the grayscale version is **92.9824, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.5711, 0.3452, 0.3939** is the 20% darker color. If you saturate the color by 10%, you get **93.9955, 0.3529, 0.4090**, and if you desaturate by 10%, it is **97.6078, 0.3270, 0.3568**.

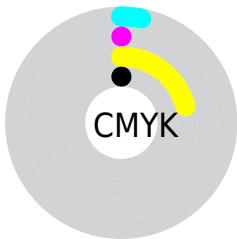
Distribution



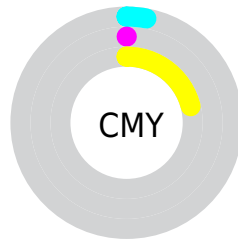
- Red (97%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (82%)



- Cyan (3%)
- Magenta (0%)
- Yellow (21%)
- Black (0%)





- Cyan (3%)
- Magenta (0%)
- Yellow (21%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6935, 0.3401, 0.3828 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 95.6935, 0.3401, 0.3828 by changing the saturation by 10% instead.

 95.6935, 0.3401,
0.3828

 95.6935, 0.3401,
0.3828

546.3828, 0.3284,
0.3587

 72.7123, 0.3426,
0.3881


155.2224, 0.3362,
0.3746

 53.7408, 0.3455,
0.3946


192.5388, 0.3346,
0.3714

 38.3944, 0.3491,
0.4026


235.4025, 0.3333,
0.3685

 26.2890, 0.3534,
0.4128

284.1977, 0.3321,
0.3661

 17.0399, 0.3589,
0.4261

339.3090, 0.3310,
0.3639

 10.2630, 0.3657,
0.4443

401.1207, 0.3300,

 5.5737, 0.3744,

0.3620

0.4703

470.0171, 0.3291,
0.3603

■ 2.5876, 0.3909,
0.5182

■ 0.9204, 0.3974,
0.6026

■ 95.6935, 0.3401,
0.3828

■ 95.6935, 0.3401,
0.3828

■ 93.9955, 0.3529,
0.4090

■ 97.6078, 0.3270,
0.3568

■ 92.4943, 0.3650,
0.4346

■ 99.7380, 0.3142,
0.3318

■ 91.1824, 0.3758,
0.4586

■ 100.0000, 0.3127,
0.3290

■ 90.0481, 0.3848,
0.4799

■ 89.0781, 0.3914,
0.4975

■ 88.2574, 0.3954,
0.5106

■ 87.5679, 0.3968,
0.5192

■ 87.0428, 0.3962,
0.5236

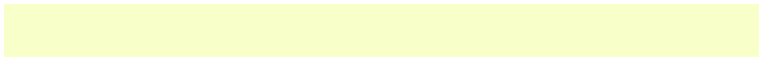
Harmonies

Analogous

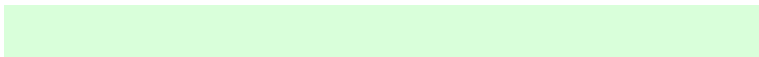
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6935, 0.3632, 0.3751



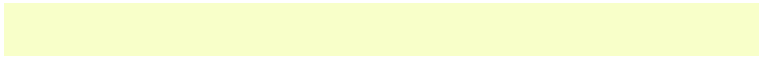
95.6935, 0.3401, 0.3828



95.6935, 0.3104, 0.3745

Triad

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



95.6935, 0.3401, 0.3828



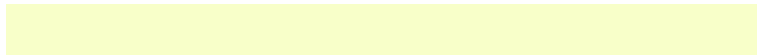
95.6935, 0.2561, 0.2980



95.6935, 0.3429, 0.3070

Complementary

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



95.6935, 0.3401, 0.3828



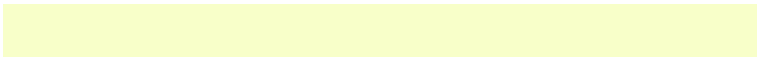
62.4255, 0.2817, 0.2707

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.



95.6935, 0.3128, 0.2886



95.6935, 0.3401, 0.3828



95.6935, 0.2637, 0.2827

Square

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



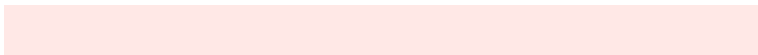
95.6935, 0.3401, 0.3828



95.6935, 0.2627, 0.3233



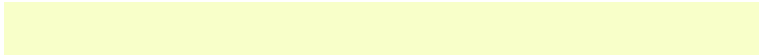
95.6935, 0.2840, 0.2797



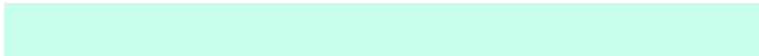
95.6935, 0.3652, 0.3311

Rectangle

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



95.6935, 0.3401, 0.3828



95.6935, 0.2909, 0.3607



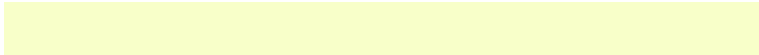
95.6935, 0.2840, 0.2797



95.6935, 0.3333, 0.3001

Sweetspot

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



95.6967, 0.3401, 0.3828



98.6794, 0.3204, 0.3438



70.2664, 0.3543, 0.3356



21.0917, 0.3212, 0.3454



0.0000, 0.0000, 0.0000



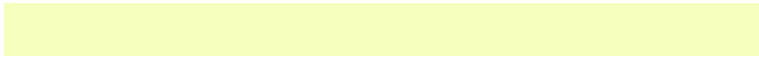
21.4041, 0.3127, 0.3290

Same Dimension

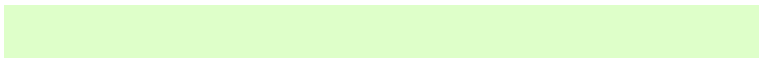
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6967, 0.3401, 0.3828



95.0194, 0.3451, 0.3929



91.2248, 0.3229, 0.3858



20.9643, 0.3249, 0.3526



45.5284, 0.3966, 0.5233



4.4648, 0.3994, 0.5211

Inverse Universe

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



62.4255, 0.2817, 0.2707



56.8028, 0.2751, 0.2586



66.5569, 0.3002, 0.2737



17.4905, 0.2999, 0.3046



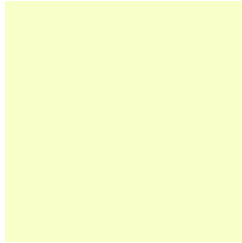
3.9765, 0.1548, 0.0626



0.4206, 0.1626, 0.0669

Previews

White Background



This preview shows how the Yxy color 95.6935, 0.3401, 0.3828 looks on a white background.

Color Contrast Check

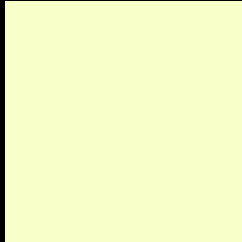
Large Text (above 18pt) WCAG AA × Fail

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 95.6935, 0.3401, 0.3828 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

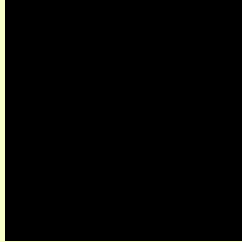
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6935, 0.3401, 0.3828

Background



This preview shows how black text looks on a background with the Yxy color 95.6935, 0.3401, 0.3828.

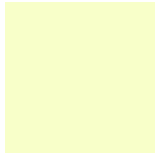


This preview shows how white text looks on a background with the Yxy color 95.6935, 0.3401, 0.3828.

Color Blindness Simulation

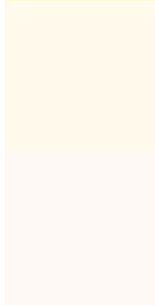
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.6935, 0.3401, 0.3828



Protanopia

95.6873, 0.3243, 0.3426

Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

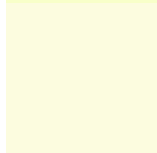
95.6668, 0.3111, 0.3232

Trichromacy



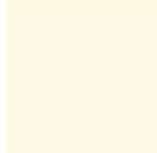
Original Color

95.6935, 0.3401, 0.3828



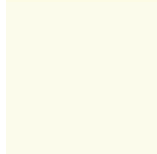
Protanomaly

95.6440, 0.3300, 0.3575



Deuteranomaly

95.3470, 0.3264, 0.3506



Tritanomaly

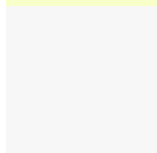
95.5017, 0.3222, 0.3446

Monochromacy



Original Color

95.6935, 0.3401, 0.3828



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.8585, 0.3227, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6935, 0.3401, 0.3828 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(248, 255, 201)` looks like.

```
.text, #text, p{  
    color:rgb(248, 255, 201)  
}
```

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(248, 255, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 255, 201) }
```

Border

The CSS property to change the border of an element to Yxy 95.6935, 0.3401, 0.3828 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(248, 255, 201) }
```

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

```
.border{ border-color:rgb(248, 255, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 255, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 255, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 255, 201);  
box-shadow:4px 4px 4px 4px rgb(248, 255,  
201) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6935, 0.3401, 0.3828 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 255, 201) }
```

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

```
.background{ background-color: rgb(248,  
255, 201) }
```

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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