

Converting Colors

$Y_{xy}(95.2443, 0.3369, 0.3812)$

Have a look what the booklet for
Yxy(95.2443, 0.3369, 0.3812)
contains.

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Color

Yxy(95.2443, 0.3369, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	F5FFCB
RGB	245, 255, 203
RGB Percent	96%, 100%, 80%
CMY	0.0395, 0.0000, 0.2040
CMYK	0.04, 0.00, 0.20, 0.00
HSL	72°, 100%, 90%
HSV	72°, 20%, 100%
XYZ	84.1758, 95.2443, 70.4338
YIQ	246.0820, 10.7320, -18.2920

Conversions

Conversions Part 2

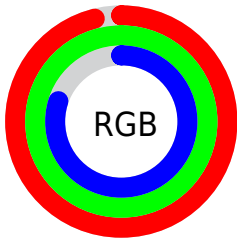
Format	Color
R _Y B	203, 255, 213
Decimal	16121803
CIE Lab	98.13, -11.78, 23.81
CIE LCh	98, 26.565, 116.334
Yxy	95.2443, 0.3369, 0.3812
Android (android.graphics.Color)	4294311883 (0xFFF5FFCB)
YUV	246.0820, -21.2394, -0.9489
Hunter-Lab	97.5932, -16.8288, 25.5251

Details

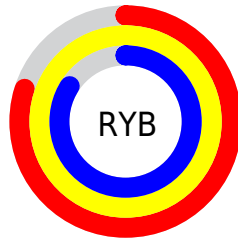
The Yxy color **95.2443, 0.3369, 0.3812** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.0761, 0.2852, 0.2734**, and the grayscale version is **92.3773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2495, 0.3412, 0.3919** is the 20% darker color. If you saturate the color by 10%, you get **93.2381, 0.3486, 0.4079**, and if you desaturate by 10%, it is **97.4476, 0.3250, 0.3550**.

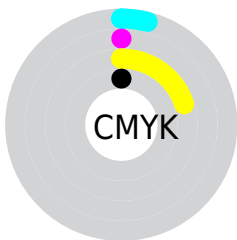
Distribution



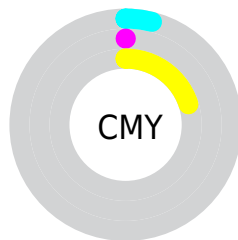
- Red (96%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.2443, 0.3369, 0.3812 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 95.2443, 0.3369, 0.3812 by changing the saturation by 10% instead.


 95.2443, 0.3369,
0.3812

 95.2443, 0.3369,
0.3812


544.9468, 0.3265,
0.3577

 72.3383, 0.3391,
0.3864

154.6021, 0.3335,
0.3732

 53.4351, 0.3417,
0.3927

191.8227, 0.3321,
0.3701

 38.1502, 0.3448,
0.4005


234.5836, 0.3309,
0.3673

 26.0993, 0.3486,
0.4105

283.2692, 0.3298,
0.3649

 16.8979, 0.3534,
0.4237

338.2639, 0.3289,
0.3628

 10.1618, 0.3594,
0.4418

399.9522, 0.3280,

 5.5063, 0.3670,

0.3609

0.4678

468.7183, 0.3272,
0.3593

■ 2.5473, 0.3805,
0.5143

■ 0.9002, 0.3868,
0.6132

■ 95.2443, 0.3369,
0.3812

■ 95.2443, 0.3369,
0.3812

■ 93.2381, 0.3486,
0.4079

■ 97.4476, 0.3250,
0.3550


■ 91.4589, 0.3596,
0.4344


99.8971, 0.3132,
0.3300


■ 89.8826, 0.3694,
0.4596


100.0000, 0.3127,
0.3290

■ 88.4973, 0.3773,
0.4824

 87.2900, 0.3830,
0.5016

 86.2456, 0.3860,
0.5166

 85.3460, 0.3865,
0.5267

 84.5911, 0.3848,
0.5326

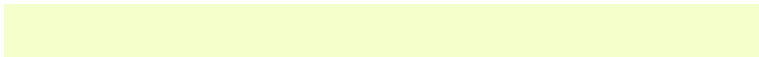
Harmonies

Analogous

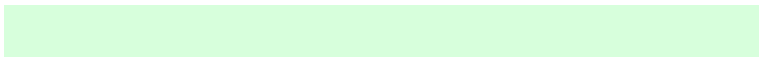
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2443, 0.3603, 0.3751



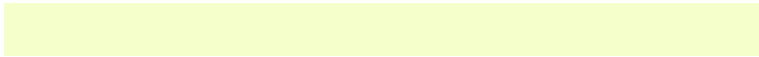
95.2443, 0.3369, 0.3812



95.2443, 0.3078, 0.3717

Triad

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



95.2443, 0.3369, 0.3812



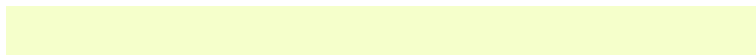
95.2443, 0.2577, 0.2971



95.2443, 0.3445, 0.3096

Complementary

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



95.2443, 0.3369, 0.3812



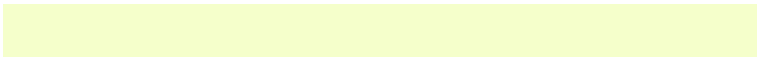
64.0761, 0.2852, 0.2734

Split Complementary

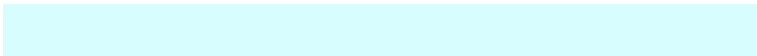
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.2443, 0.3156, 0.2910



95.2443, 0.3369, 0.3812



95.2443, 0.2664, 0.2832

Square

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



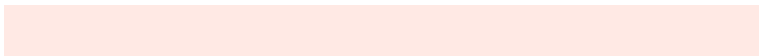
95.2443, 0.3369, 0.3812



95.2443, 0.2629, 0.3210



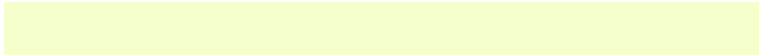
95.2443, 0.2871, 0.2814



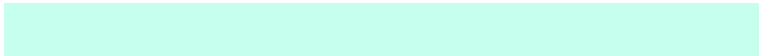
95.2443, 0.3651, 0.3333

Rectangle

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



95.2443, 0.3369, 0.3812



95.2443, 0.2891, 0.3576



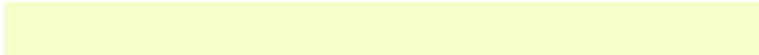
95.2443, 0.2871, 0.2814



95.2443, 0.3353, 0.3026

Sweetspot

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



95.2311, 0.3369, 0.3812



98.4961, 0.3197, 0.3438



72.9169, 0.3518, 0.3389



21.0483, 0.3205, 0.3455



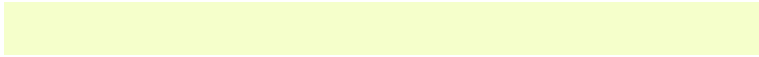
0.0000, 0.0000, 0.0000



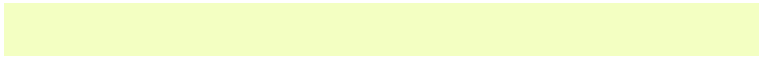
21.4041, 0.3127, 0.3290

Same Dimension

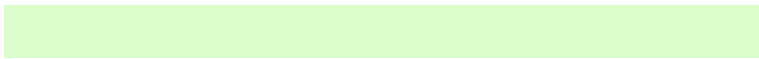
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2311, 0.3369, 0.3812



94.4883, 0.3412, 0.3908



90.9613, 0.3203, 0.3840



20.9027, 0.3239, 0.3527



44.2638, 0.3854, 0.5322



4.3532, 0.3895, 0.5289

Inverse Universe

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



64.0761, 0.2852, 0.2734



58.7857, 0.2796, 0.2623



68.1912, 0.3032, 0.2762



17.5469, 0.3009, 0.3046



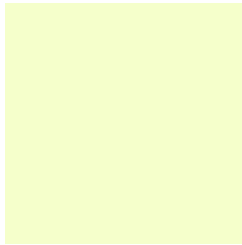
4.1662, 0.1591, 0.0650



0.4480, 0.1688, 0.0704

Previews

White Background



This preview shows how the Yxy color 95.2443, 0.3369, 0.3812 looks on a white background.

Color Contrast Check

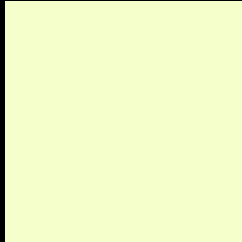
Large Text (above 18pt) WCAG AA × Fail

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 95.2443, 0.3369, 0.3812 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 95.2443, 0.3369, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 95.2443, 0.3369, 0.3812.

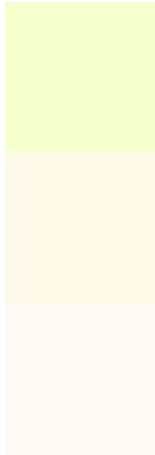


This preview shows how white text looks on a background with the Yxy color 95.2443, 0.3369, 0.3812.

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

95.2443, 0.3369, 0.3812

Protanopia

94.8946, 0.3262, 0.3446

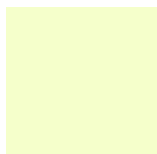
Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

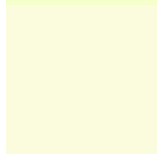
94.8640, 0.3105, 0.3223

Trichromacy



Original Color

95.2443, 0.3369, 0.3812



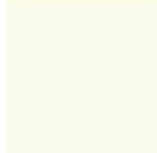
Protanomaly

94.7775, 0.3300, 0.3576



Deuteranomaly

95.1607, 0.3258, 0.3506



Tritanomaly

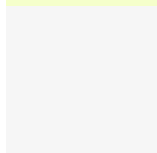
95.1902, 0.3203, 0.3437

Monochromacy



Original Color

95.2443, 0.3369, 0.3812



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.0574, 0.3221, 0.3479

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2443, 0.3369, 0.3812 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(245, 255, 203)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 203)  
}
```

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(245, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 203) }
```

Border

The CSS property to change the border of an element to Yxy 95.2443, 0.3369, 0.3812 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(245, 255, 203) }
```

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

```
.border{ border-color:rgb(245, 255, 203) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2443, 0.3369, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 203) }
```

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

```
.background{ background-color: rgb(245,  
255, 203) }
```

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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