

Converting Colors

$Yxy(95.7045, 0.3397, 0.3847)$

Have a look what the booklet for
Yxy(95.7045, 0.3397, 0.3847)
contains.

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Color

Yxy(95.2830, 0.3394, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	F6FFC8
RGB	246, 255, 200
RGB Percent	96%, 100%, 78%
CMY	0.0352, 0.0000, 0.2157
CMYK	0.04, 0.00, 0.22, 0.00
HSL	70°, 100%, 89%
HSV	70°, 22%, 100%
XYZ	84.1944, 95.2830, 68.5909
YIQ	246.0390, 12.2910, -19.0130

Conversions

Conversions Part 2

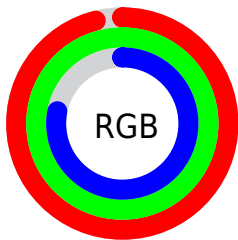
Format	Color
R _Y B	200, 255, 209
Decimal	16187336
CIE Lab	98.15, -11.82, 25.36
CIE LCh	98, 27.975, 114.985
Yxy	95.2830, 0.3394, 0.3841
Android (android.graphics.Color)	4294377416 (0xFFFF6FFC8)
YUV	246.0390, -22.6972, -0.0342
Hunter-Lab	97.6130, -16.8608, 26.6671

Details

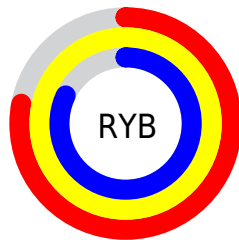
The Yxy color **95.2830, 0.3394, 0.3841** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.0763, 0.2823, 0.2696**, and the grayscale version is **92.3743, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2823, 0.3443, 0.3956** is the 20% darker color. If you saturate the color by 10%, you get **93.4461, 0.3516, 0.4106**, and if you desaturate by 10%, it is **97.3405, 0.3269, 0.3580**.

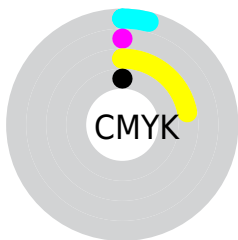
Distribution



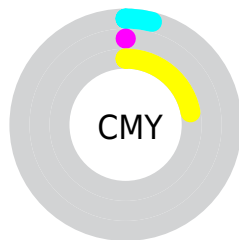
- Red (96%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (82%)



- Cyan (4%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.2830, 0.3394, 0.3841 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 95.2830, 0.3394, 0.3841 by changing the saturation by 10% instead.


 95.2830, 0.3394,
0.3841

 95.2830, 0.3394,
0.3841


545.0706, 0.3280,
0.3594

 72.3705, 0.3418,
0.3896


154.6555, 0.3356,
0.3757

 53.4614, 0.3446,
0.3962


191.8844, 0.3341,
0.3723

 38.1712, 0.3481,
0.4045


234.6541, 0.3328,
0.3695

 26.1156, 0.3523,
0.4150

283.3492, 0.3316,
0.3669

 16.9102, 0.3575,
0.4288

338.3540, 0.3305,
0.3647

 10.1705, 0.3640,
0.4476

400.0529, 0.3296,

 5.5121, 0.3722,

0.3627

0.4746

468.8303, 0.3287,
0.3610

■ 2.5508, 0.3888,
0.5258

■ 0.9020, 0.3867,
0.6133

■ 95.2830, 0.3394,
0.3841

■ 95.2830, 0.3394,
0.3841

■ 93.4461, 0.3516,
0.4106

■ 97.3405, 0.3269,
0.3580

■ 91.8126, 0.3630,
0.4366

■ 99.6205, 0.3146,
0.3328

■ 90.3740, 0.3732,
0.4611

100.0000, 0.3127,
0.3290

■ 89.1185, 0.3814,
0.4829

■ 88.0329, 0.3873,
0.5010

■ 87.1017, 0.3906,
0.5147

■ 86.3068, 0.3913,
0.5238

■ 85.7190, 0.3902,
0.5284

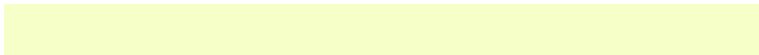
Harmonies

Analogous

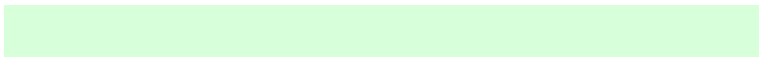
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2830, 0.3636, 0.3769



95.2830, 0.3394, 0.3841



95.2830, 0.3088, 0.3749

Triad

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



95.2830, 0.3394, 0.3841



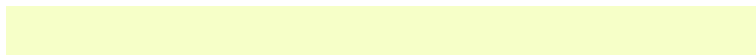
95.2830, 0.2549, 0.2962



95.2830, 0.3449, 0.3076

Complementary

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



95.2830, 0.3394, 0.3841



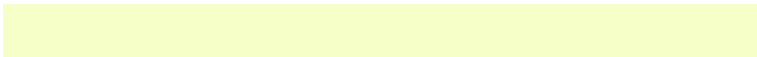
62.0763, 0.2823, 0.2696

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.



95.2830, 0.3142, 0.2884



95.2830, 0.3394, 0.3841



95.2830, 0.2633, 0.2812

Square

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



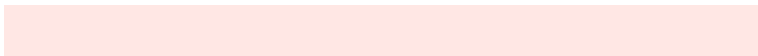
95.2830, 0.3394, 0.3841



95.2830, 0.2609, 0.3218



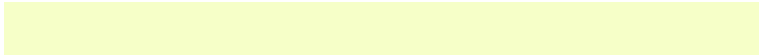
95.2830, 0.2845, 0.2788



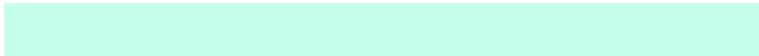
95.2830, 0.3672, 0.3323

Rectangle

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



95.2830, 0.3394, 0.3841



95.2830, 0.2891, 0.3603



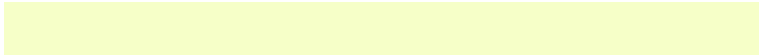
95.2830, 0.2845, 0.2788



95.2830, 0.3351, 0.3004

Sweetspot

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



95.2854, 0.3394, 0.3841



98.5826, 0.3200, 0.3438



70.6599, 0.3549, 0.3376



21.0688, 0.3208, 0.3454



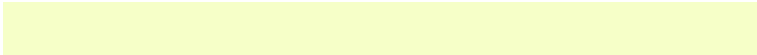
0.0000, 0.0000, 0.0000



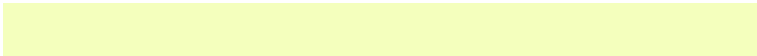
21.4041, 0.3127, 0.3290

Same Dimension

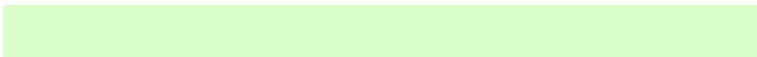
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2854, 0.3394, 0.3841



94.4450, 0.3449, 0.3958



90.7877, 0.3219, 0.3872



20.9318, 0.3244, 0.3527



44.8459, 0.3907, 0.5280



4.4047, 0.3941, 0.5252

Inverse Universe

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



62.0763, 0.2823, 0.2696



55.7007, 0.2749, 0.2558



66.3141, 0.3012, 0.2728



17.5202, 0.3004, 0.3046



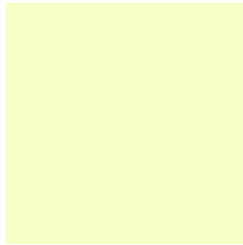
4.0676, 0.1569, 0.0638



0.4345, 0.1658, 0.0687

Previews

White Background



This preview shows how the Yxy color 95.2830, 0.3394, 0.3841 looks on a white background.

Color Contrast Check

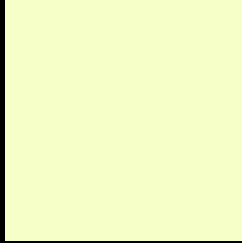
Large Text (above 18pt) WCAG AA × Fail

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 95.2830, 0.3394, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

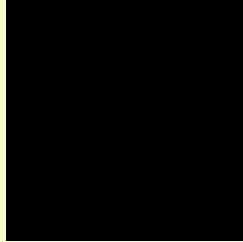
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.2830, 0.3394, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 95.2830, 0.3394, 0.3841.



This preview shows how white text looks on a background with the Yxy color 95.2830, 0.3394, 0.3841.

Color Blindness Simulation

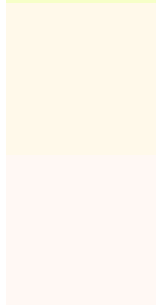
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.2830, 0.3394, 0.3841



Protanopia

94.9519, 0.3256, 0.3436

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

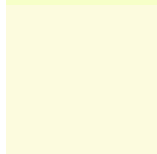
94.8640, 0.3105, 0.3223

Trichromacy



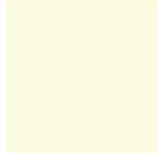
Original Color

95.2830, 0.3394, 0.3841



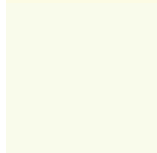
Protanomaly

94.9637, 0.3307, 0.3575



Deuteranomaly

95.2912, 0.3270, 0.3516



Tritanomaly

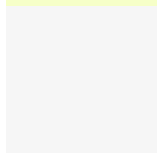
95.1323, 0.3209, 0.3447

Monochromacy



Original Color

95.2830, 0.3394, 0.3841



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.0013, 0.3227, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.2830, 0.3394, 0.3841 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(246, 255, 200)` looks like.

```
.text, #text, p{  
    color:rgb(246, 255, 200)  
}
```

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(246, 255, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 255, 200) }
```

Border

The CSS property to change the border of an element to Yxy 95.2830, 0.3394, 0.3841 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(246, 255, 200) }
```

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

```
.border{ border-color:rgb(246, 255, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 255, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 255, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 255, 200);  
box-shadow:4px 4px 4px 4px rgb(246, 255,  
200) }
```


Background

The CSS property to change the background color of an element to Yxy 95.2830, 0.3394, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 255, 200) }
```

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

```
.background{ background-color: rgb(246,  
255, 200) }
```

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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