

Converting Colors

$Y_{xy}(95.8822, 0.3422, 0.3845)$

Have a look what the booklet for
Yxy(95.8822, 0.3422, 0.3845)
contains.

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Color

Yxy(95.7833, 0.3420, 0.3847)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFC7
RGB	249, 255, 199
RGB Percent	98%, 100%, 78%
CMY	0.0233, 0.0000, 0.2195
CMYK	0.02, 0.00, 0.22, 0.00
HSL	66°, 100%, 89%
HSV	66°, 22%, 100%
XYZ	85.1518, 95.7833, 68.0467
YIQ	246.8220, 14.4000, -18.6880

Conversions

Conversions Part 2

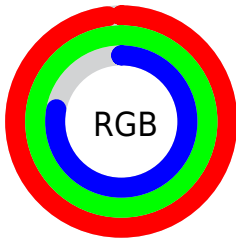
Format	Color
R _Y B	199, 255, 205
Decimal	16383943
CIE Lab	98.35, -10.86, 26.16
CIE LCh	98, 28.321, 112.553
Yxy	95.7833, 0.3420, 0.3847
Android (android.graphics.Color)	4294574023 (0xFFF9FFC7)
YUV	246.8220, -23.5762, 1.9101
Hunter-Lab	97.8689, -15.9651, 27.2849

Details

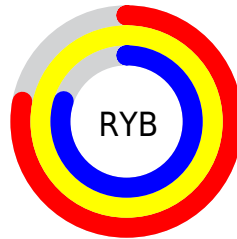
The Yxy color **95.7833, 0.3420, 0.3847** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **61.0513, 0.2795, 0.2681**, and the grayscale version is **93.0560, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.6390, 0.3476, 0.3963** is the 20% darker color. If you saturate the color by 10%, you get **94.2068, 0.3552, 0.4107**, and if you desaturate by 10%, it is **97.5739, 0.3285, 0.3588**.

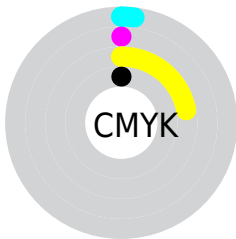
Distribution



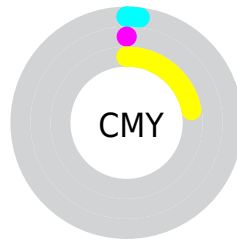
- Red (98%)
- Green (100%)
- Blue (78%)



- Red (78%)
- Yellow (100%)
- Blue (80%)



- Cyan (2%)
- Magenta (0%)
- Yellow (22%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.7833, 0.3420, 0.3847 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 95.7833, 0.3420, 0.3847 by changing the saturation by 10% instead.


 95.7833, 0.3420,
0.3847

 95.7833, 0.3420,
0.3847

546.6696, 0.3294,
0.3598

 72.7871, 0.3446,
0.3902


155.3463, 0.3378,
0.3762

 53.8019, 0.3478,
0.3968


192.6819, 0.3362,
0.3729

 38.4433, 0.3516,
0.4051


235.5661, 0.3347,
0.3700

 26.3269, 0.3562,
0.4156

284.3833, 0.3334,
0.3674

 17.0684, 0.3620,
0.4293

339.5178, 0.3322,
0.3652

 10.2833, 0.3693,
0.4480

401.3541, 0.3312,

 5.5872, 0.3784,

0.3632

0.4745

470.2766, 0.3303,
0.3614

■ 2.5957, 0.3972,
0.5253

■ 0.9245, 0.3987,
0.6013

■ 95.7833, 0.3420,
0.3847

■ 95.7833, 0.3420,
0.3847

■ 94.2068, 0.3552,
0.4107

■ 97.5739, 0.3285,
0.3588


■ 92.8217, 0.3677,
0.4359


■ 99.5752, 0.3153,
0.3337


■ 91.6216, 0.3788,
0.4593


■ 99.9933, 0.3127,
0.3290

■ 90.5947, 0.3880,
0.4799

 89.7275, 0.3949,
0.4966

 89.0050, 0.3991,
0.5089

 88.4086, 0.4007,
0.5167

 87.9978, 0.4004,
0.5202

Harmonies

Analogous

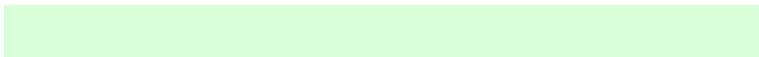
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.7833, 0.3656, 0.3761



95.7833, 0.3420, 0.3847



95.7833, 0.3113, 0.3768

Triad

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



95.7833, 0.3420, 0.3847



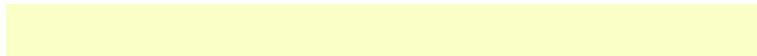
95.7833, 0.2543, 0.2976



95.7833, 0.3429, 0.3055

Complementary

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



95.7833, 0.3420, 0.3847



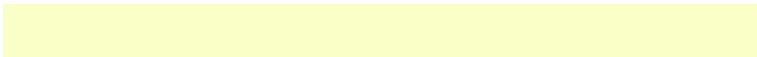
61.0513, 0.2795, 0.2681

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.



95.7833, 0.3117, 0.2868



95.7833, 0.3420, 0.3847



95.7833, 0.2616, 0.2815

Square

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



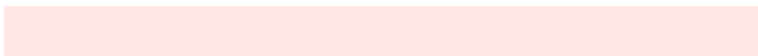
95.7833, 0.3420, 0.3847



95.7833, 0.2615, 0.3241



95.7833, 0.2821, 0.2780



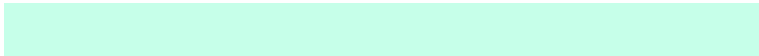
95.7833, 0.3665, 0.3302

Rectangle

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



95.7833, 0.3420, 0.3847



95.7833, 0.2911, 0.3628



95.7833, 0.2821, 0.2780



95.7833, 0.3329, 0.2984

Sweetspot

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



95.7875, 0.3420, 0.3847



98.5459, 0.3219, 0.3463



68.8644, 0.3564, 0.3349



21.0671, 0.3227, 0.3478



0.0000, 0.0000, 0.0000



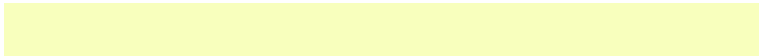
21.4041, 0.3127, 0.3290

Same Dimension

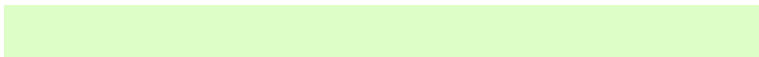
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.7875, 0.3420, 0.3847



95.1316, 0.3474, 0.3953



91.0747, 0.3239, 0.3880



20.9871, 0.3253, 0.3526



46.0246, 0.4008, 0.5200



4.5082, 0.4030, 0.5182

Inverse Universe

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



61.0513, 0.2795, 0.2681



55.1862, 0.2723, 0.2552



65.3347, 0.2989, 0.2714



17.4699, 0.2995, 0.3045



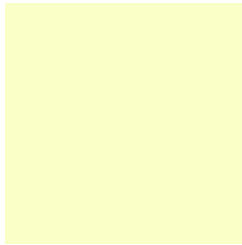
3.9244, 0.1536, 0.0620



0.4110, 0.1604, 0.0657

Previews

White Background



This preview shows how the Yxy color 95.7833, 0.3420, 0.3847 looks on a white background.

Color Contrast Check

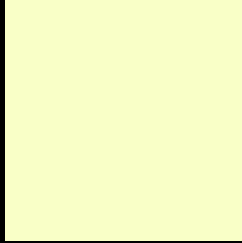
Large Text (above 18pt) WCAG AA × Fail

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 95.7833, 0.3420, 0.3847 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

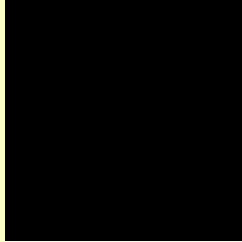
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.7833, 0.3420, 0.3847

Background



This preview shows how black text looks on a background with the Yxy color 95.7833, 0.3420, 0.3847.

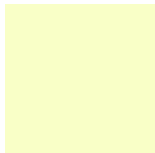


This preview shows how white text looks on a background with the Yxy color 95.7833, 0.3420, 0.3847.

Color Blindness Simulation

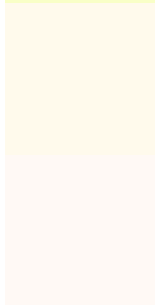
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.7833, 0.3420, 0.3847



Protanopia

95.6873, 0.3243, 0.3426

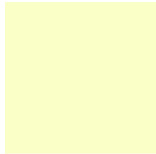
Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

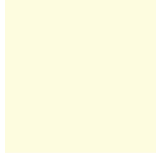
95.8540, 0.3117, 0.3233

Trichromacy



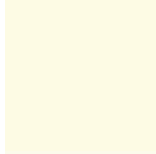
Original Color

95.7833, 0.3420, 0.3847



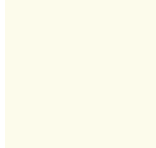
Protanomaly

95.8312, 0.3306, 0.3574



Deuteranomaly

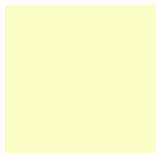
95.4784, 0.3277, 0.3515



Tritanomaly

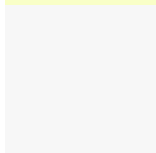
95.6880, 0.3228, 0.3446

Monochromacy



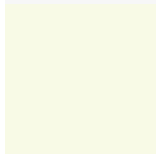
Original Color

95.7833, 0.3420, 0.3847



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.0408, 0.3233, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.7833, 0.3420, 0.3847 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(249, 255, 199)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 199)  
}
```

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(249, 255, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 199) }
```

Border

The CSS property to change the border of an element to Yxy 95.7833, 0.3420, 0.3847 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(249, 255, 199) }
```

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

```
.border{ border-color:rgb(249, 255, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 199);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 95.7833, 0.3420, 0.3847 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 199) }
```

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

```
.background{ background-color: rgb(249,  
255, 199) }
```

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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