

Converting Colors

$Y_{xy}(141.8322, 0.3304, 0.4313)$

Have a look what the booklet for
Yxy(141.8322, 0.3304, 0.4313)
contains.

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Color

Yxy(95.9715, 0.3396, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	F9FFCB
RGB	249, 255, 203
RGB Percent	98%, 100%, 80%
CMY	0.0235, 0.0000, 0.2039
CMYK	0.02, 0.00, 0.20, 0.00
HSL	67°, 100%, 90%
HSV	67°, 20%, 100%
XYZ	85.6105, 95.9715, 70.5102
YIQ	247.2780, 13.1160, -17.4440

Conversions

Conversions Part 2

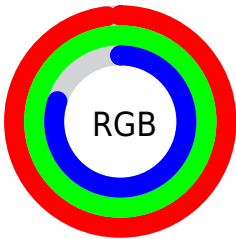
Format	Color
R _Y B	203, 255, 209
Decimal	16383947
CIE Lab	98.42, -10.32, 24.25
CIE LCh	98, 26.350, 113.058
Yxy	95.9715, 0.3396, 0.3807
Android (android.graphics.Color)	4294574027 (0xFFF9FFCB)
YUV	247.2780, -21.8291, 1.5102
Hunter-Lab	97.9650, -15.4498, 25.9016

Details

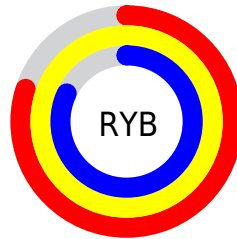
The Yxy color **95.9715, 0.3396, 0.3807** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **63.4841, 0.2825, 0.2730**, and the grayscale version is **93.4265, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7646, 0.3446, 0.3912** is the 20% darker color. If you saturate the color by 10%, you get **94.3222, 0.3527, 0.4068**, and if you desaturate by 10%, it is **97.8355, 0.3263, 0.3549**.

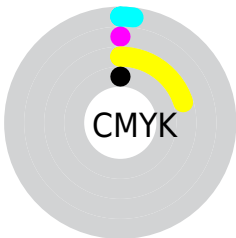
Distribution



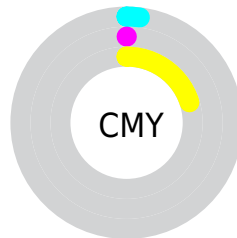
- Red (98%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (82%)



- Cyan (2%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9715, 0.3396, 0.3807 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 95.9715, 0.3396, 0.3807 by changing the saturation by 10% instead.

 95.9715, 0.3396,
0.3807

 95.9715, 0.3396,
0.3807

547.2705, 0.3281,
0.3576

 72.9438, 0.3420,
0.3858


155.6061, 0.3358,
0.3728

 53.9300, 0.3449,
0.3920


192.9818, 0.3342,
0.3697

 38.5457, 0.3484,
0.3996


235.9089, 0.3329,
0.3670

 26.4065, 0.3528,
0.4094

284.7720, 0.3317,
0.3647

 17.1280, 0.3582,
0.4222

339.9552, 0.3306,
0.3626

 10.3258, 0.3651,
0.4396

401.8431, 0.3297,

 5.6155, 0.3739,

0.3607

0.4646

470.8201, 0.3288,
0.3591

■ 2.6127, 0.3893,
0.5085

■ 0.9331, 0.4046,
0.5954

■ 95.9715, 0.3396,
0.3807

■ 95.9715, 0.3396,
0.3807

■ 94.3222, 0.3527,
0.4068

■ 97.8355, 0.3263,
0.3549

■ 92.8683, 0.3652,
0.4323

99.9139, 0.3132,
0.3300

■ 91.6024, 0.3764,
0.4562

100.0000, 0.3127,
0.3290

■ 90.5127, 0.3858,
0.4775

■ 89.5864, 0.3928,
0.4950

■ 88.8083, 0.3973,
0.5083

■ 88.1608, 0.3991,
0.5169

■ 87.6342, 0.3988,
0.5215

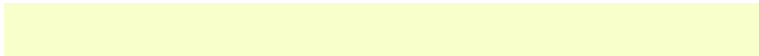
Harmonies

Analogous

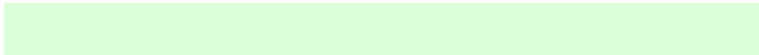
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9715, 0.3616, 0.3732



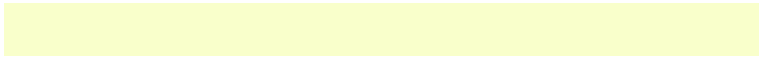
95.9715, 0.3396, 0.3807



95.9715, 0.3110, 0.3730

Triad

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



95.9715, 0.3396, 0.3807



95.9715, 0.2582, 0.2996



95.9715, 0.3413, 0.3075

Complementary

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



95.9715, 0.3396, 0.3807



63.4841, 0.2825, 0.2730

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.



95.9715, 0.3123, 0.2898



95.9715, 0.3396, 0.3807



95.9715, 0.2653, 0.2846

Square

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



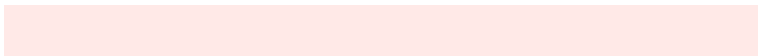
95.9715, 0.3396, 0.3807



95.9715, 0.2648, 0.3241



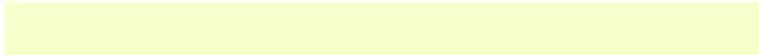
95.9715, 0.2847, 0.2814



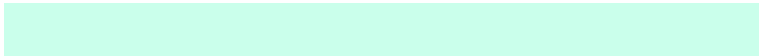
95.9715, 0.3629, 0.3306

Rectangle

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



95.9715, 0.3396, 0.3807



95.9715, 0.2923, 0.3599



95.9715, 0.2847, 0.2814



95.9715, 0.3320, 0.3008

Sweetspot

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



95.9747, 0.3396, 0.3807



98.7211, 0.3205, 0.3438



70.7807, 0.3526, 0.3345



21.1016, 0.3214, 0.3454



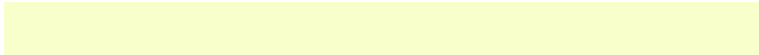
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

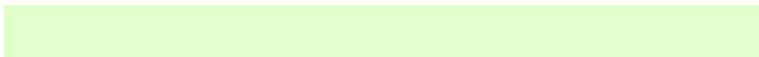
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9747, 0.3396, 0.3807



95.3550, 0.3444, 0.3901



91.6470, 0.3231, 0.3835



20.9784, 0.3251, 0.3526



45.8331, 0.3992, 0.5212



4.4914, 0.4016, 0.5193

Inverse Universe

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



63.4841, 0.2825, 0.2730



58.1101, 0.2763, 0.2617



67.4577, 0.3001, 0.2758



17.4778, 0.2996, 0.3045



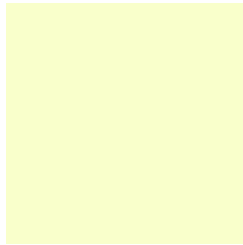
3.9432, 0.1540, 0.0622



0.4147, 0.1612, 0.0662

Previews

White Background



This preview shows how the Yxy color 95.9715, 0.3396, 0.3807 looks on a white background.

Color Contrast Check

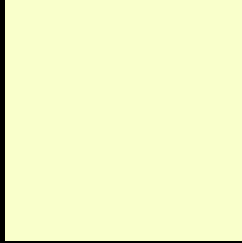
Large Text (above 18pt) WCAG AA × Fail

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 95.9715, 0.3396, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

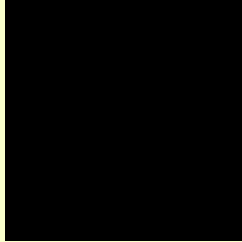
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.9715, 0.3396, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 95.9715, 0.3396, 0.3807.

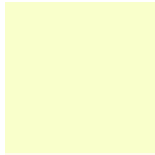


This preview shows how white text looks on a background with the Yxy color 95.9715, 0.3396, 0.3807.

Color Blindness Simulation

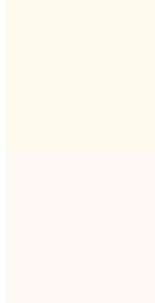
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.9715, 0.3396, 0.3807



Protanopia

95.7456, 0.3236, 0.3416

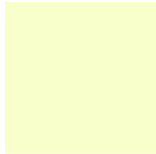
Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

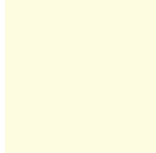
95.8540, 0.3117, 0.3233

Trichromacy



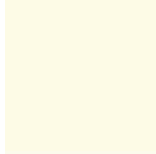
Original Color

95.9715, 0.3396, 0.3807



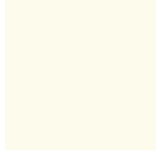
Protanomaly

95.9397, 0.3294, 0.3554



Deuteranomaly

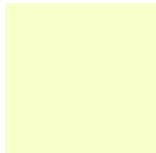
95.5902, 0.3265, 0.3495



Tritanomaly

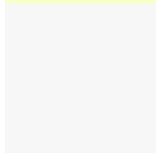
95.7459, 0.3222, 0.3436

Monochromacy



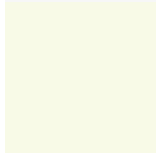
Original Color

95.9715, 0.3396, 0.3807



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.0972, 0.3227, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9715, 0.3396, 0.3807 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, 203)` looks like.

```
.text, #text, p{  
    color:rgb(249, 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(249, 255, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 203) }
```

Border

The CSS property to change the border of an element to Yxy 95.9715, 0.3396, 0.3807 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, 203) }
```

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

```
.border{ border-color:rgb(249, 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(249, 255, 203) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 203);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
203) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9715, 0.3396, 0.3807 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, 203) }
```

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

```
.background{ background-color: rgb(249,  
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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