

# Converting Colors

$Yxy(95.1765, 0.3401, 0.3803)$

Have a look what the booklet for  
Yxy(95.1765, 0.3401, 0.3803)  
contains.

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# Color

**Yxy(95.2876, 0.3404, 0.3808)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F9FECA
RGB	249, 254, 202
RGB Percent	98%, 100%, 79%
CMY	0.0234, 0.0039, 0.2079
CMYK	0.02, 0.00, 0.20, 0.00
HSL	66°, 96%, 89%
HSV	66°, 20%, 100%
XYZ	85.1783, 95.2876, 69.7641
YIQ	246.5770, 13.7120, -17.2320

# Conversions

## Conversions Part 2

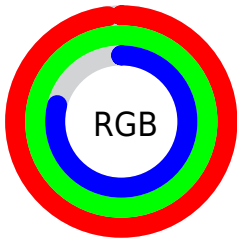
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	202, 254, 207
Decimal	16383690
CIE <sub>Lab</sub>	98.15, -9.96, 24.39
CIE <sub>LCh</sub>	98, 26.343, 112.216
Yxy	95.2876, 0.3404, 0.3808
Android (android.graphics.Color)	4294573770 (0xFFFF9FECA)
YUV	246.5770, -21.9765, 2.1250
Hunter-Lab	97.6154, -15.0694, 25.9571

# Details

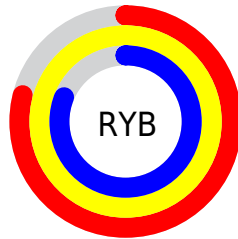
The Yxy color **95.2876, 0.3404, 0.3808** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **62.6406, 0.2816, 0.2726**, and the grayscale version is **92.8299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.2771, 0.3456, 0.3913** is the 20% darker color. If you saturate the color by 10%, you get **93.7445, 0.3539, 0.4067**, and if you desaturate by 10%, it is **97.0428, 0.3268, 0.3551**.

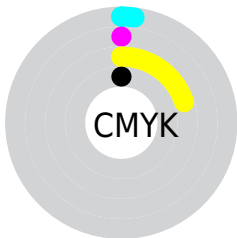
# Distribution



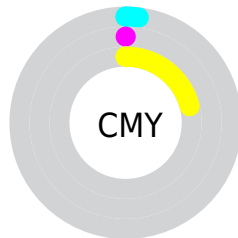
- Red (98%)
- Green (100%)
- Blue (79%)



- Red (79%)
- Yellow (100%)
- Blue (81%)



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




- Cyan (2%)
- Magenta (0%)
- Yellow (21%)


# Brightness & Saturation Gradients

These gradients show how the Yxy color 95.2876, 0.3404, 0.3808 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 95.2876, 0.3404, 0.3808 by changing the saturation by 10% instead.




 95.2876, 0.3404,  
0.3808

 95.2876, 0.3404,  
0.3808

545.0853, 0.3285,  
0.3576

 72.3744, 0.3429,  
0.3859


154.6619, 0.3364,  
0.3729

 53.4646, 0.3459,  
0.3921


191.8917, 0.3348,  
0.3698

 38.1737, 0.3496,  
0.3998


234.6625, 0.3335,  
0.3671

 26.1176, 0.3540,  
0.4096

283.3587, 0.3322,  
0.3647

 16.9116, 0.3597,  
0.4225

338.3647, 0.3311,  
0.3626

 10.1715, 0.3669,  
0.4400


400.0649, 0.3302,


 5.5128, 0.3761,


0.3608


0.4650

468.8436, 0.3293,  
0.3591


 2.5512, 0.3931,  
0.5103


 0.9022, 0.4051,  
0.5949


 95.2876, 0.3404,  
0.3808


 95.2876, 0.3404,  
0.3808


 93.7445, 0.3539,  
0.4067

 97.0428, 0.3268,  
0.3551

 92.3913, 0.3667,  
0.4320


 99.0066, 0.3133,  
0.3302


 91.2216, 0.3782,  
0.4556

 99.3609, 0.3128,  
0.3280

 90.2238, 0.3880,  
0.4764

 89.3852, 0.3954,  
0.4935

 88.6908, 0.4002,  
0.5062

 88.1231, 0.4024,  
0.5144

 87.6734, 0.4024,  
0.5187

# Harmonies

## Analogous

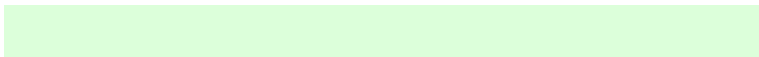
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.2876, 0.3622, 0.3729



95.2876, 0.3404, 0.3808



95.2876, 0.3118, 0.3735

# Triad

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



95.2876, 0.3404, 0.3808



95.2876, 0.2581, 0.3001



95.2876, 0.3406, 0.3068

# Complementary

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



95.2876, 0.3404, 0.3808



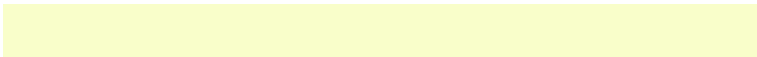
62.6406, 0.2816, 0.2726

# 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.



95.2876, 0.3115, 0.2894



95.2876, 0.3404, 0.3808



95.2876, 0.2648, 0.2847

# Square

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



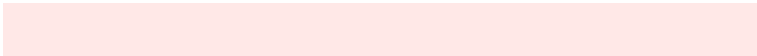
95.2876, 0.3404, 0.3808



95.2876, 0.2651, 0.3248



95.2876, 0.2839, 0.2813



95.2876, 0.3626, 0.3300

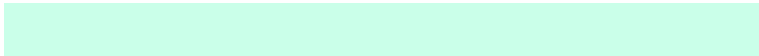


# Rectangle

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



95.2876, 0.3404, 0.3808



95.2876, 0.2930, 0.3606



95.2876, 0.2839, 0.2813



95.2876, 0.3312, 0.3002

# Sweetspot

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



95.2918, 0.3404, 0.3808



98.7782, 0.3207, 0.3438



69.6259, 0.3530, 0.3336



21.1152, 0.3216, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290



# Same Dimension

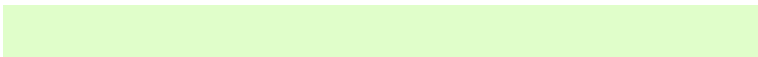
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.2918, 0.3404, 0.3808



95.4197, 0.3465, 0.3926



90.9357, 0.3237, 0.3836



20.9977, 0.3254, 0.3526



46.2599, 0.4027, 0.5185



4.5287, 0.4047, 0.5169



# Inverse Universe

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



62.6406, 0.2816, 0.2726



56.5042, 0.2736, 0.2584



66.5951, 0.2994, 0.2754



17.4604, 0.2993, 0.3045



3.9032, 0.1531, 0.0617

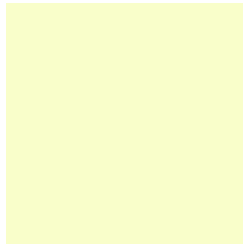


0.4065, 0.1593, 0.0651



# Previews

## White Background



This preview shows how the Yxy color 95.2876, 0.3404, 0.3808 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

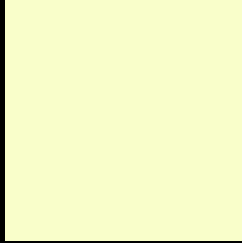
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 95.2876, 0.3404, 0.3808 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

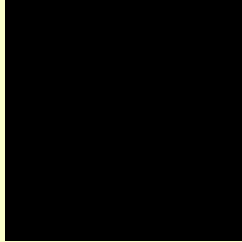
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

**Yxy 95.2876, 0.3404, 0.3808**

## **Background**



This preview shows how black text looks on a background with the Yxy color 95.2876, 0.3404, 0.3808.

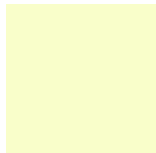


This preview shows how white text looks on a background with the Yxy color 95.2876, 0.3404, 0.3808.

# Color Blindness Simulation

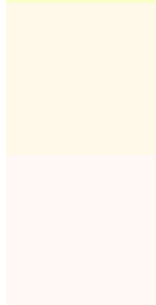
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

95.2876, 0.3404, 0.3808



### Protanopia

94.9519, 0.3256, 0.3436

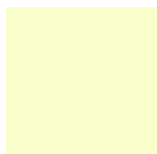
### Deuteranopia

94.9265, 0.3196, 0.3329

## **Tritanopia**

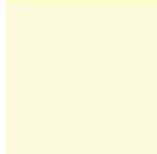
95.0503, 0.3111, 0.3223

# Trichromacy



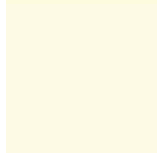
## Original Color

95.2876, 0.3404, 0.3808



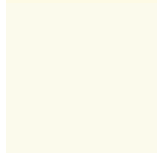
## Protanomaly

95.1509, 0.3313, 0.3575



## Deuteranomaly

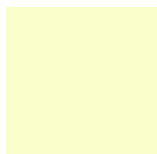
94.9110, 0.3272, 0.3496



## Tritanomaly

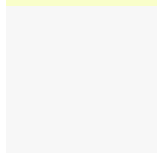
94.9366, 0.3217, 0.3427

# Monochromacy



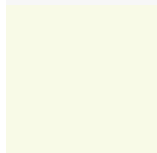
## Original Color

95.2876, 0.3404, 0.3808



## 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 95.2876, 0.3404, 0.3808 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, 254, 202)` looks like.

```
.text, #text, p{  
    color:rgb(249, 254, 202)  
}
```

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, 254, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 254, 202) }
```

## Border

The CSS property to change the border of an element to Yxy 95.2876, 0.3404, 0.3808 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, 254, 202) }
```

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

```
.border{ border-color:rgb(249, 254, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 254, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 254, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 254, 202);  
box-shadow:4px 4px 4px 4px rgb(249, 254,  
202) }
```



# Background

The CSS property to change the background color of an element to Yxy 95.2876, 0.3404, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 254, 202) }
```

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

```
.background{ background-color: rgb(249,  
254, 202) }
```

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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