

Converting Colors

$Y_{xy}(100.0000, 0.3421, 0.3913)$

Have a look what the booklet for
Yxy(100.0000, 0.3421, 0.3913)
contains.

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Color

Yxy(95.9212, 0.3432, 0.3856)

Conversions

Conversions Part 1

Format	Color
Hex	FAFFC6
RGB	250, 255, 198
RGB Percent	98%, 100%, 78%
CMY	0.0197, 0.0000, 0.2234
CMYK	0.02, 0.00, 0.22, 0.00
HSL	65°, 100%, 89%
HSV	65°, 22%, 100%
XYZ	85.3738, 95.9212, 67.4633
YIQ	247.0070, 15.3170, -18.7870

Conversions

Conversions Part 2

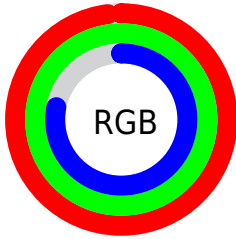
Format	Color
RYB	198, 255, 203
Decimal	16449478
CIELab	98.40, -10.68, 26.74
CIElCh	98, 28.794, 111.772
Yxy	95.9212, 0.3432, 0.3856
Android (android.graphics.Color)	4294639558 (0xFFFAFFC6)
YUV	247.0070, -24.1605, 2.6249
Hunter-Lab	97.9394, -15.7953, 27.7170

Details

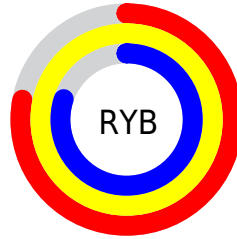
The Yxy color **95.9212, 0.3432, 0.3856** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.3315, 0.2781, 0.2668**, and the grayscale version is **93.2050, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.7392, 0.3492, 0.3974** is the 20% darker color. If you saturate the color by 10%, you get **94.4255, 0.3567, 0.4114**, and if you desaturate by 10%, it is **97.6142, 0.3294, 0.3598**.

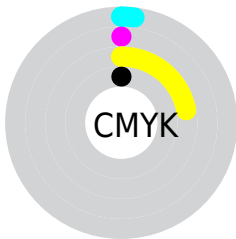
Distribution



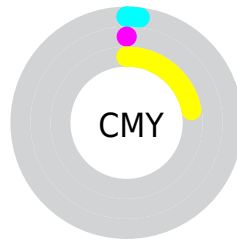
- Red (98%)
- Green (100%)
- Blue (78%)



- 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 95.9212, 0.3432, 0.3856 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 95.9212, 0.3432, 0.3856 by changing the saturation by 10% instead.

 95.9212, 0.3432,
0.3856

 95.9212, 0.3432,
0.3856


547.1099, 0.3301,
0.3603

 72.9019, 0.3459,
0.3912


155.5367, 0.3389,
0.3770

 53.8958, 0.3492,
0.3979


192.9016, 0.3371,
0.3736

 38.5183, 0.3531,
0.4063


235.8173, 0.3356,
0.3706

 26.3852, 0.3580,
0.4169

284.6681, 0.3342,
0.3681

 17.1121, 0.3640,
0.4308

339.8383, 0.3330,
0.3658

 10.3144, 0.3715,
0.4496


401.7125, 0.3320,


 5.6079, 0.3810,


0.3637

0.4762


470.6748, 0.3310,
0.3619

 2.6082, 0.4012,
0.5282


 0.9308, 0.4011,
0.5989


 95.9212, 0.3432,
0.3856


 95.9212, 0.3432,
0.3856

 94.4255, 0.3567,
0.4114


 97.6142, 0.3294,
0.3598

 93.1258, 0.3695,
0.4364

 99.5224, 0.3158,
0.3347

 92.0085, 0.3809,
0.4594

100.0000, 0.3127,
0.3290

 91.0617, 0.3903,
0.4794

■ 90.2721, 0.3974,
0.4956

■ 89.6242, 0.4018,
0.5073

■ 89.0996, 0.4036,
0.5146

■ 88.7600, 0.4036,
0.5177

Harmonies

Analogous

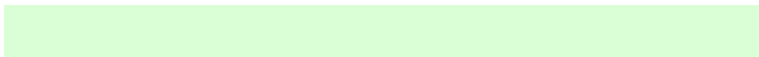
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9212, 0.3669, 0.3765



95.9212, 0.3432, 0.3856



95.9212, 0.3121, 0.3780

Triad

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



95.9212, 0.3432, 0.3856



95.9212, 0.2534, 0.2977



95.9212, 0.3426, 0.3046

Complementary

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



95.9212, 0.3432, 0.3856



60.3315, 0.2781, 0.2668

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.



95.9212, 0.3108, 0.2858



95.9212, 0.3432, 0.3856



95.9212, 0.2604, 0.2810

Square

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



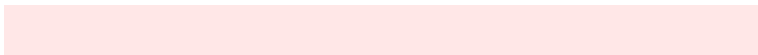
95.9212, 0.3432, 0.3856



95.9212, 0.2611, 0.3247



95.9212, 0.2809, 0.2772



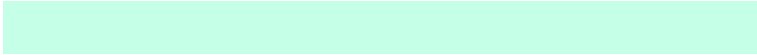
95.9212, 0.3669, 0.3295

Rectangle

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



95.9212, 0.3432, 0.3856



95.9212, 0.2915, 0.3640



95.9212, 0.2809, 0.2772



95.9212, 0.3324, 0.2974

Sweetspot

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



95.9183, 0.3432, 0.3856



98.6057, 0.3221, 0.3463



67.9497, 0.3576, 0.3340



21.0810, 0.3229, 0.3478



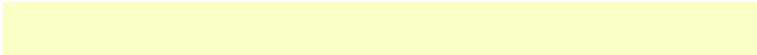
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

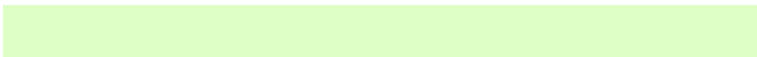
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9183, 0.3432, 0.3856



95.1976, 0.3496, 0.3977



91.0927, 0.3247, 0.3891



21.0045, 0.3255, 0.3526



46.4128, 0.4039, 0.5175



4.5420, 0.4058, 0.5160

Inverse Universe

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



60.3315, 0.2781, 0.2668



53.6368, 0.2696, 0.2518



64.6592, 0.2979, 0.2702



17.4543, 0.2992, 0.3045



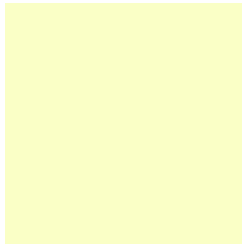
3.8906, 0.1528, 0.0615



0.4036, 0.1587, 0.0648

Previews

White Background



This preview shows how the Yxy color 95.9212, 0.3432, 0.3856 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 95.9212, 0.3432, 0.3856 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

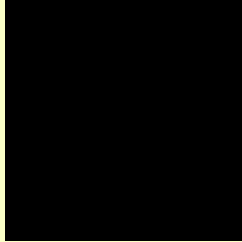
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.9212, 0.3432, 0.3856

Background



This preview shows how black text looks on a background with the Yxy color 95.9212, 0.3432, 0.3856.

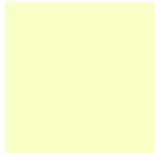


This preview shows how white text looks on a background with the Yxy color 95.9212, 0.3432, 0.3856.

Color Blindness Simulation

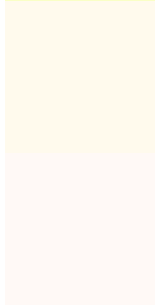
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.9212, 0.3432, 0.3856



Protanopia

95.7456, 0.3236, 0.3416

Deuteranopia

95.6652, 0.3183, 0.3319

Tritanopia

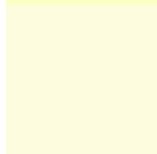
95.8540, 0.3117, 0.3233

Trichromacy



Original Color

95.9212, 0.3432, 0.3856



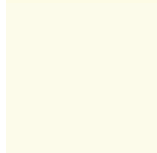
Protanomaly

95.8312, 0.3306, 0.3574



Deuteranomaly

95.5342, 0.3271, 0.3505



Tritanomaly

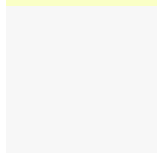
95.6303, 0.3234, 0.3456

Monochromacy



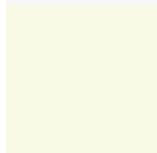
Original Color

95.9212, 0.3432, 0.3856



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

93.9848, 0.3239, 0.3498

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9212, 0.3432, 0.3856 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(250, 255, 198)` looks like.

```
.text, #text, p{  
    color:rgb(250, 255, 198)  
}
```

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(250, 255, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 255, 198) }
```

Border

The CSS property to change the border of an element to Yxy 95.9212, 0.3432, 0.3856 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(250, 255, 198) }
```

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

```
.border{ border-color:rgb(250, 255, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 255, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 255, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 255, 198);  
box-shadow:4px 4px 4px 4px rgb(250, 255,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9212, 0.3432, 0.3856 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 255, 198) }
```

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

```
.background{ background-color: rgb(250,  
255, 198) }
```

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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