

Converting Colors

$Yxy(95.0412, 0.3355, 0.3803)$

Have a look what the booklet for
Yxy(95.0412, 0.3355, 0.3803)
contains.

Yxy(95.1127, 0.3357, 0.3802)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(95.1127, 0.3357, 0.3802)

Conversions

Conversions Part 1

Format	Color
Hex	F4FFCC
RGB	244, 255, 204
RGB Percent	96%, 100%, 80%
CMY	0.0430, 0.0000, 0.1999
CMYK	0.04, 0.00, 0.20, 0.00
HSL	73°, 100%, 90%
HSV	73°, 20%, 100%
XYZ	83.9804, 95.1127, 71.0719
YIQ	245.8970, 9.8150, -18.1930

Conversions

Conversions Part 2

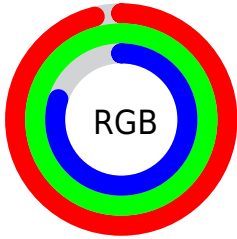
Format	Color
RYB	204, 255, 215
Decimal	16056268
CIELab	98.08, -11.93, 23.20
CIELCh	98, 26.085, 117.216
Yxy	95.1127, 0.3357, 0.3802
Android (android.graphics.Color)	4294246348 (0xFFFF4FFCC)
YUV	245.8970, -20.6552, -1.6637
Hunter-Lab	97.5257, -16.9620, 25.0604

Details

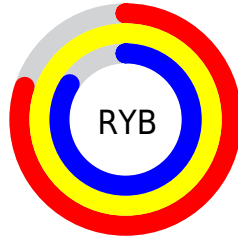
The Yxy color **95.1127, 0.3357, 0.3802** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **64.8586, 0.2866, 0.2747**, and the grayscale version is **92.2443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **53.1550, 0.3396, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **93.0260, 0.3470, 0.4071**, and if you desaturate by 10%, it is **97.4372, 0.3241, 0.3540**.

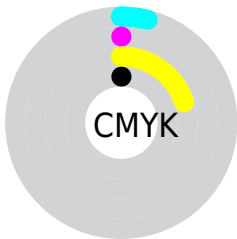
Distribution



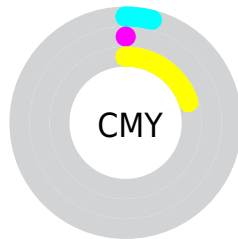
- Red (96%)
- Green (100%)
- Blue (80%)



- Red (80%)
- Yellow (100%)
- Blue (84%)



- Cyan (4%)
- Magenta (0%)
- Yellow (20%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 95.1127, 0.3357, 0.3802 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 95.1127, 0.3357, 0.3802 by changing the saturation by 10% instead.

 95.1127, 0.3357,
0.3802

 95.1127, 0.3357,
0.3802

544.5257, 0.3259,
0.3572

 72.2288, 0.3378,
0.3853


154.4203, 0.3324,
0.3723

 53.3456, 0.3402,
0.3915


191.6128, 0.3311,
0.3693

 38.0787, 0.3432,
0.3992


234.3435, 0.3300,
0.3666

 26.0438, 0.3468,
0.4091

282.9970, 0.3290,
0.3642

 16.8564, 0.3514,
0.4220

337.9575, 0.3281,
0.3622

 10.1322, 0.3571,
0.4399

399.6096, 0.3273,

 5.4867, 0.3643,

0.3603

0.4656

468.3375, 0.3265,
0.3587

■ 2.5355, 0.3767,
0.5110

■ 0.8944, 0.3846,
0.6154

■ 95.1127, 0.3357,
0.3802

■ 95.1127, 0.3357,
0.3802

■ 93.0260, 0.3470,
0.4071

■ 97.4372, 0.3241,
0.3540

■ 91.1546, 0.3577,
0.4339

99.9950, 0.3127,
0.3290

■ 89.4918, 0.3671,
0.4595

99.9952, 0.3127,
0.3290

■ 88.0259, 0.3747,
0.4828

■ 86.7436, 0.3801,
0.5027

■ 85.6299, 0.3829,
0.5182

■ 84.6670, 0.3831,
0.5290

■ 83.8257, 0.3811,
0.5356

■ 83.8248, 0.3811,
0.5356

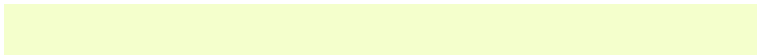
Harmonies

Analogous

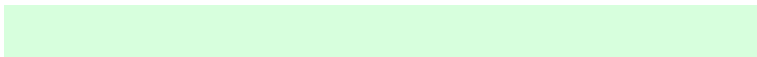
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.1127, 0.3589, 0.3747



95.1127, 0.3357, 0.3802



95.1127, 0.3070, 0.3704

Triad

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



95.1127, 0.3357, 0.3802



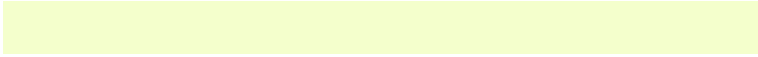
95.1127, 0.2587, 0.2971



95.1127, 0.3447, 0.3106

Complementary

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



95.1127, 0.3357, 0.3802



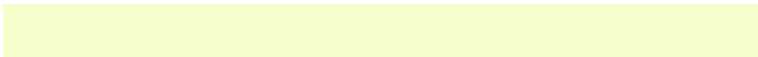
64.8586, 0.2866, 0.2747

Split Complementary

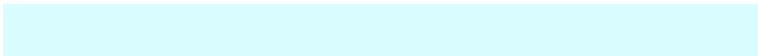
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



95.1127, 0.3164, 0.2921



95.1127, 0.3357, 0.3802



95.1127, 0.2676, 0.2837

Square

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



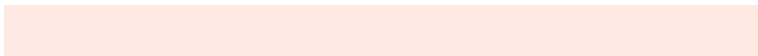
95.1127, 0.3357, 0.3802



95.1127, 0.2634, 0.3204



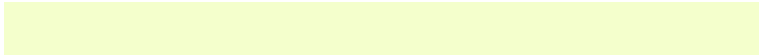
95.1127, 0.2883, 0.2823



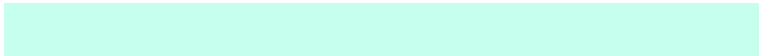
95.1127, 0.3645, 0.3340

Rectangle

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



95.1127, 0.3357, 0.3802



95.1127, 0.2888, 0.3564



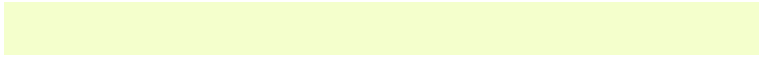
95.1127, 0.2883, 0.2823



95.1127, 0.3358, 0.3036

Sweetspot

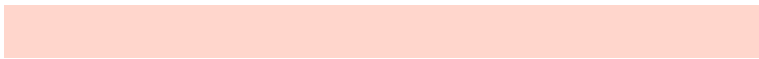
The Sweet Spot groups the original color and five complimentary colors.



95.1169, 0.3357, 0.3802



98.4354, 0.3195, 0.3438



73.8221, 0.3506, 0.3395



21.0339, 0.3203, 0.3455



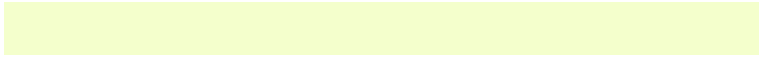
0.0000, 0.0000, 0.0000



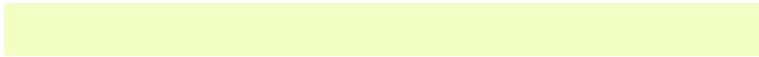
21.4041, 0.3127, 0.3290

Same Dimension

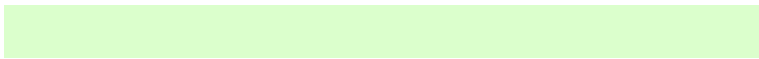
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.1169, 0.3357, 0.3802



94.2575, 0.3403, 0.3910



90.9847, 0.3197, 0.3829



20.8823, 0.3236, 0.3527



43.8708, 0.3817, 0.5351



4.3182, 0.3862, 0.5315

Inverse Universe

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



64.8586, 0.2866, 0.2747



58.9722, 0.2805, 0.2625



68.8890, 0.3040, 0.2775



17.5658, 0.3012, 0.3047



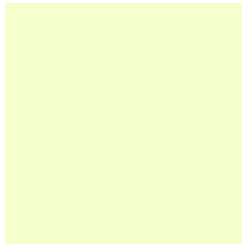
4.2457, 0.1609, 0.0660



0.4583, 0.1711, 0.0716

Previews

White Background



This preview shows how the Yxy color 95.1127, 0.3357, 0.3802 looks on a white background.

Color Contrast Check

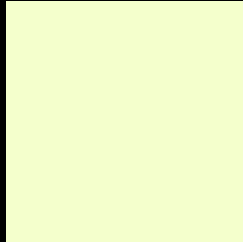
Large Text (above 18pt) WCAG AA × Fail

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 95.1127, 0.3357, 0.3802 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

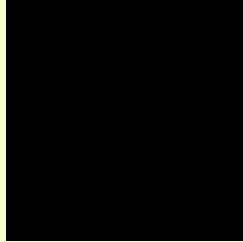
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.1127, 0.3357, 0.3802

Background



This preview shows how black text looks on a background with the Yxy color 95.1127, 0.3357, 0.3802.

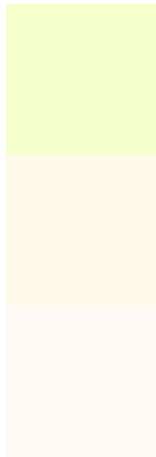


This preview shows how white text looks on a background with the Yxy color 95.1127, 0.3357, 0.3802.

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

95.1127, 0.3357, 0.3802

Protanopia

94.8946, 0.3262, 0.3446

Deuteranopia

94.9265, 0.3196, 0.3329

Tritanopia

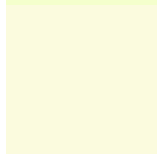
94.6788, 0.3099, 0.3223

Trichromacy



Original Color

95.1127, 0.3357, 0.3802



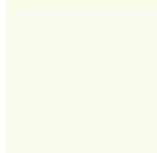
Protanomaly

94.7775, 0.3300, 0.3576



Deuteranomaly

95.1607, 0.3258, 0.3506



Tritanomaly

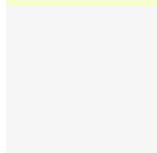
95.0069, 0.3196, 0.3437

Monochromacy



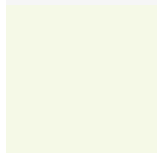
Original Color

95.1127, 0.3357, 0.3802



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.9334, 0.3209, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.1127, 0.3357, 0.3802 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(244, 255, 204)` looks like.

```
.text, #text, p{  
    color:rgb(244, 255, 204)  
}
```

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(244, 255, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 255, 204) }
```

Border

The CSS property to change the border of an element to Yxy 95.1127, 0.3357, 0.3802 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(244, 255, 204) }
```

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

```
.border{ border-color:rgb(244, 255, 204) }
```

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

Here you see how a box with a 4 pixel rgb(244, 255, 204) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 255, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 255, 204);  
box-shadow:4px 4px 4px 4px rgb(244, 255,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 95.1127, 0.3357, 0.3802 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 255, 204) }
```

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

```
.background{ background-color: rgb(244,  
255, 204) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor