

Converting Colors

$Yxy(95.9332, 0.3494, 0.3934)$

Have a look what the booklet for
Yxy(95.9332, 0.3494, 0.3934)
contains.

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Color

Yxy(95.9332, 0.3494, 0.3934)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | FCFFBE |
| RGB | 252, 255, 190 |
| RGB Percent | 99%, 100%, 75% |
| CMY | 0.0117, 0.0000, 0.2550 |
| CMYK | 0.01, 0.00, 0.26, 0.00 |
| HSL | 63°, 100%, 87% |
| HSV | 63°, 26%, 100% |
| XYZ | 85.2035, 95.9332, 62.7199 |
| YIQ | 246.6930, 19.0770, -20.8510 |

Conversions

Conversions Part 2

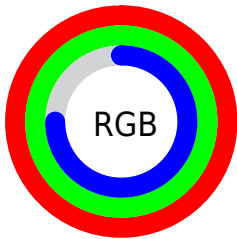
| Format | Color |
|-------------------------------------|--|
| RYB | 190, 255, 193 |
| Decimal | 16580542 |
| CIELab | 98.41, -11.02, 30.84 |
| CIELCh | 98, 32.752, 109.665 |
| Yxy | 95.9332, 0.3494, 0.3934 |
| Android (android.graphics.Color) | 4294770622 (0xFFFCFFBE) |
| YUV | 246.6930, -27.9496, 4.6542 |
| Hunter-Lab | 97.9455, -16.1262, 30.5952 |

Details

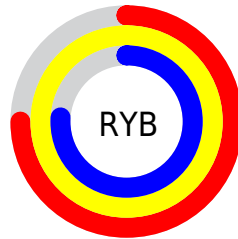
The Yxy color **95.9332, 0.3494, 0.3934** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **55.3607, 0.2705, 0.2563**, and the grayscale version is **92.9724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4954, 0.3173, 0.3367**, and **53.7678, 0.3569, 0.4070** is the 20% darker color. If you saturate the color by 10%, you get **94.7011, 0.3635, 0.4186**, and if you desaturate by 10%, it is **97.3693, 0.3349, 0.3678**.

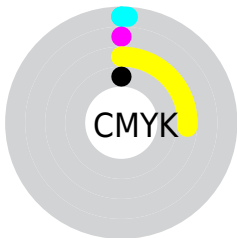
Distribution



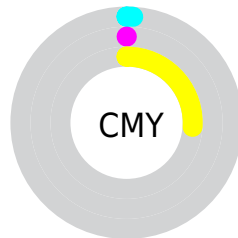
- Red (99%)
- Green (100%)
- Blue (75%)



- Red (75%)
- Yellow (100%)
- Blue (76%)



- Cyan (1%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.9332, 0.3494, 0.3934 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 95.9332, 0.3494, 0.3934 by changing the saturation by 10% instead.


 95.9332, 0.3494,
0.3934

 95.9332, 0.3494,
0.3934


547.1482, 0.3337,
0.3646

 72.9119, 0.3527,
0.3997


 155.5532, 0.3442,
0.3836

 53.9039, 0.3565,
0.4073


192.9208, 0.3421,
0.3798

 38.5249, 0.3612,
0.4167


235.8392, 0.3403,
0.3764

 26.3903, 0.3668,
0.4286

284.6929, 0.3387,
0.3735

 17.1159, 0.3738,
0.4441

339.8662, 0.3372,
0.3709

 10.3171, 0.3823,
0.4647

401.7436, 0.3359,

 5.6097, 0.3924,

0.3686

0.4932

470.7095, 0.3348,
0.3665

■ 2.6093, 0.4241,
0.5625

■ 0.9313, 0.3979,
0.6021

■ 95.9332, 0.3494,
0.3934

■ 95.9332, 0.3494,
0.3934

■ 94.7011, 0.3635,
0.4186

■ 97.3693, 0.3349,
0.3678


■ 93.6514, 0.3767,
0.4424


■ 99.0074, 0.3205,
0.3425

■ 92.7769, 0.3883,
0.4638

100.0000, 0.3127,
0.3290

■ 92.0653, 0.3978,
0.4819

 91.5026, 0.4048,
0.4958

 91.0728, 0.4092,
0.5052

 90.7558, 0.4110,
0.5103

 90.6370, 0.4112,
0.5117

Harmonies

Analogous

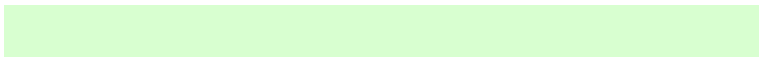
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.9332, 0.3755, 0.3813



95.9332, 0.3494, 0.3934



95.9332, 0.3143, 0.3865

Triad

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



95.9332, 0.3494, 0.3934



95.9332, 0.2458, 0.2950



95.9332, 0.3443, 0.2996

Complementary

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



95.9332, 0.3494, 0.3934



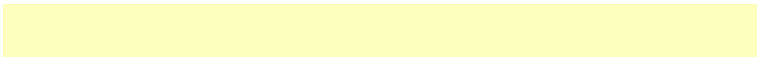
55.3607, 0.2705, 0.2563

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.



95.9332, 0.3078, 0.2792



95.9332, 0.3494, 0.3934



95.9332, 0.2525, 0.2754

Square

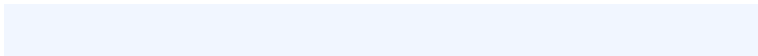
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.9332, 0.3494, 0.3934



95.9332, 0.2555, 0.3263



95.9332, 0.2746, 0.2703



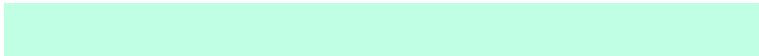
95.9332, 0.3730, 0.3272

Rectangle

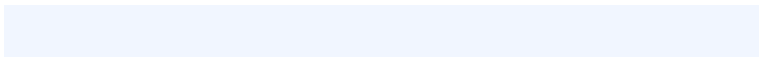
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.9332, 0.3494, 0.3934



95.9332, 0.2908, 0.3711



95.9332, 0.2746, 0.2703



95.9332, 0.3324, 0.2917

Sweetspot

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



95.9370, 0.3494, 0.3934



98.5787, 0.3240, 0.3487



62.7337, 0.3667, 0.3314



21.0460, 0.3262, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

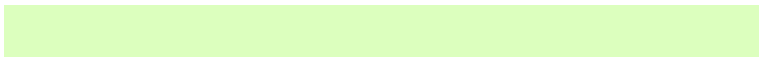
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.9370, 0.3494, 0.3934



95.2341, 0.3572, 0.4074



90.5009, 0.3283, 0.3980



21.0460, 0.3262, 0.3525



47.3783, 0.4114, 0.5116



4.6256, 0.4123, 0.5108

Inverse Universe

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



55.3607, 0.2705, 0.2563



47.9018, 0.2598, 0.2380



59.9830, 0.2930, 0.2608



17.4173, 0.2986, 0.3045



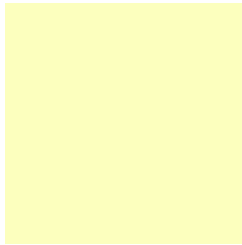
3.8290, 0.1513, 0.0607



0.3861, 0.1545, 0.0625

Previews

White Background



This preview shows how the Yxy color 95.9332, 0.3494, 0.3934 looks on a white background.

Color Contrast Check

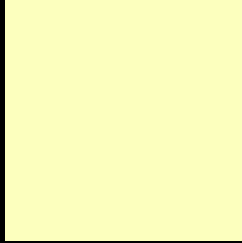
Large Text (above 18pt) WCAG AA × Fail

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 95.9332, 0.3494, 0.3934 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

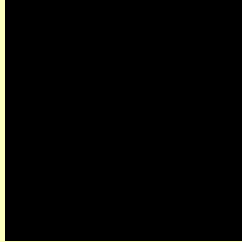
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.9332, 0.3494, 0.3934

Background



This preview shows how black text looks on a background with the Yxy color 95.9332, 0.3494, 0.3934.



This preview shows how white text looks on a background with the Yxy color 95.9332, 0.3494, 0.3934.

Color Blindness Simulation

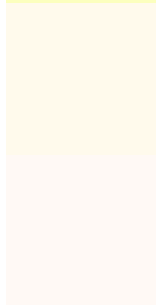
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.9332, 0.3494, 0.3934



Protanopia

95.6873, 0.3243, 0.3426

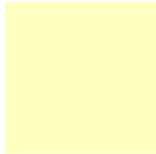
Deuteranopia

95.6039, 0.3189, 0.3329

Tritanopia

96.0422, 0.3124, 0.3233

Trichromacy



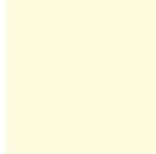
Original Color

95.9332, 0.3494, 0.3934



Protanomaly

95.8061, 0.3337, 0.3614



Deuteranomaly

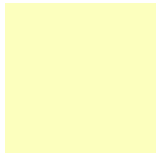
95.5014, 0.3302, 0.3544



Tritanomaly

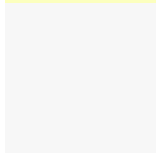
95.6465, 0.3259, 0.3485

Monochromacy



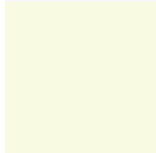
Original Color

95.9332, 0.3494, 0.3934



Achromatopsia

93.0111, 0.3127, 0.3290



Achromatomaly

94.0019, 0.3264, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.9332, 0.3494, 0.3934 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(252, 255, 190)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 190)  
}
```

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(252, 255, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 190) }
```

Border

The CSS property to change the border of an element to Yxy 95.9332, 0.3494, 0.3934 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(252, 255, 190) }
```

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

```
.border{ border-color:rgb(252, 255, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 255, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 190);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
190) }
```


Background

The CSS property to change the background color of an element to Yxy 95.9332, 0.3494, 0.3934 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 255, 190) }
```

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

```
.background{ background-color: rgb(252,  
255, 190) }
```

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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