

Converting Colors

$Y_{xy}(95.5845, 0.3530, 0.3999)$

Have a look what the booklet for
Yxy(95.5845, 0.3530, 0.3999)
contains.

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Color

Yxy(95.6343, 0.3535, 0.4003)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFB7
RGB	252, 255, 183
RGB Percent	99%, 100%, 72%
CMY	0.0118, 0.0000, 0.2823
CMYK	0.01, 0.00, 0.28, 0.00
HSL	63°, 100%, 86%
HSV	63°, 28%, 100%
XYZ	84.4535, 95.6343, 58.8188
YIQ	245.8950, 21.3240, -23.0280

Conversions

Conversions Part 2

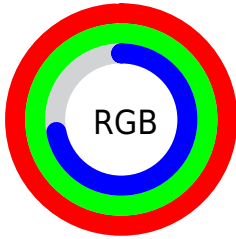
Format	Color
RYB	183, 255, 186
Decimal	16580535
CIELab	98.29, -11.93, 34.16
CIELCh	98, 36.183, 109.247
Yxy	95.6343, 0.3535, 0.4003
Android (android.graphics.Color)	4294770615 (0xFFFCFFB7)
YUV	245.8950, -31.0072, 5.3541
Hunter-Lab	97.7928, -16.9855, 32.7942

Details

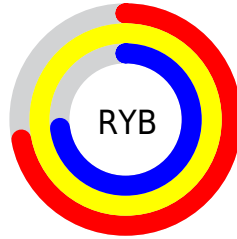
The Yxy color **95.6343, 0.3535, 0.4003** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **51.5383, 0.2651, 0.2473**, and the grayscale version is **92.3133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **53.5752, 0.3620, 0.4157** is the 20% darker color. If you saturate the color by 10%, you get **94.4696, 0.3675, 0.4252**, and if you desaturate by 10%, it is **96.9942, 0.3390, 0.3747**.

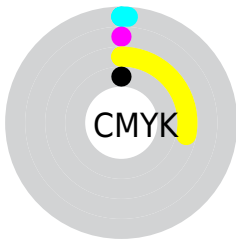
Distribution



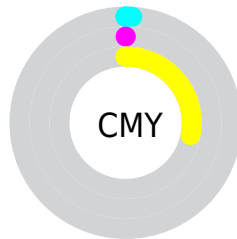
- Red (99%)
- Green (100%)
- Blue (72%)



- Red (72%)
- Yellow (100%)
- Blue (73%)



- Cyan (1%)
- Magenta (0%)
- Yellow (28%)
- Black (0%)




- Cyan (1%)
- Magenta (0%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.6343, 0.3535, 0.4003 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 95.6343, 0.3535, 0.4003 by changing the saturation by 10% instead.

 95.6343, 0.3535,
0.4003

 95.6343, 0.3535,
0.4003

546.1936, 0.3362,
0.3684

 72.6630, 0.3571,
0.4073


 155.1406, 0.3478,
0.3895

 53.7005, 0.3613,
0.4157


192.4444, 0.3455,
0.3852

 38.3622, 0.3663,
0.4260


235.2946, 0.3435,
0.3815

 26.2640, 0.3724,
0.4391

284.0754, 0.3417,
0.3783

 17.0212, 0.3797,
0.4559

339.1713, 0.3401,
0.3754

 10.2496, 0.3885,
0.4782

400.9668, 0.3386,

 5.5648, 0.3982,

0.3728

0.5084

469.8461, 0.3373,
0.3705

■ 2.5823, 0.4248,
0.5752

■ 0.9178, 0.3876,
0.6124

■ 95.6343, 0.3535,
0.4003

■ 95.6343, 0.3535,
0.4003

■ 94.4696, 0.3675,
0.4252

■ 96.9942, 0.3390,
0.3747

■ 93.4871, 0.3804,
0.4484

■ 98.5563, 0.3244,
0.3493

■ 92.6763, 0.3915,
0.4689

100.0000, 0.3127,
0.3290

■ 92.0246, 0.4005,
0.4858

■ 91.5176, 0.4068,
0.4984

■ 91.1381, 0.4105,
0.5065

■ 90.8629, 0.4118,
0.5106

■ 90.8191, 0.4119,
0.5111

Harmonies

Analogous

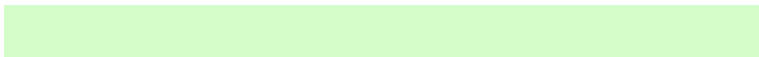
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.6343, 0.3823, 0.3862



95.6343, 0.3535, 0.4003



95.6343, 0.3148, 0.3933

Triad

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



95.6343, 0.3535, 0.4003



95.6343, 0.2392, 0.2916



95.6343, 0.3470, 0.2962

Complementary

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



95.6343, 0.3535, 0.4003



51.5383, 0.2651, 0.2473

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.



95.6343, 0.3066, 0.2742



95.6343, 0.3535, 0.4003



95.6343, 0.2463, 0.2701

Square

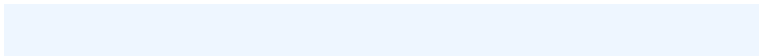
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.6343, 0.3535, 0.4003



95.6343, 0.2500, 0.3263



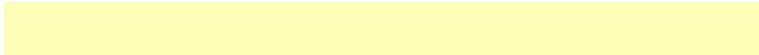
95.6343, 0.2701, 0.2645



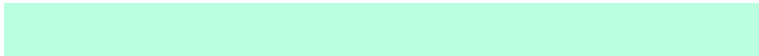
95.6343, 0.3792, 0.3263

Rectangle

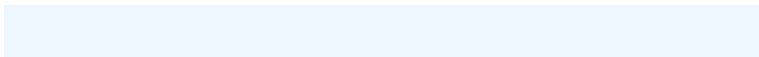
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.6343, 0.3535, 0.4003



95.6343, 0.2889, 0.3763



95.6343, 0.2701, 0.2645



95.6343, 0.3338, 0.2877

Sweetspot

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



95.6351, 0.3535, 0.4003



98.5941, 0.3241, 0.3487



59.5545, 0.3744, 0.3317



21.0499, 0.3263, 0.3525



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

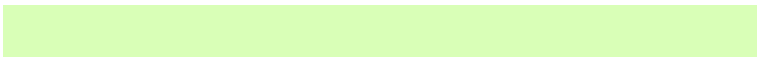
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.6351, 0.3535, 0.4003



94.9392, 0.3617, 0.4148



89.6322, 0.3299, 0.4061



21.0499, 0.3263, 0.3525



47.4720, 0.4121, 0.5110



4.6337, 0.4129, 0.5103

Inverse Universe

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



51.5383, 0.2651, 0.2473



44.0972, 0.2535, 0.2276



56.5329, 0.2904, 0.2529



17.4139, 0.2985, 0.3044



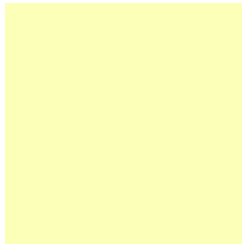
3.8241, 0.1512, 0.0607



0.3845, 0.1541, 0.0623

Previews

White Background



This preview shows how the Yxy color 95.6343, 0.3535, 0.4003 looks on a white background.

Color Contrast Check

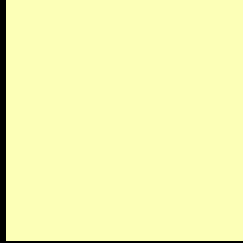
Large Text (above 18pt) WCAG AA × Fail

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 95.6343, 0.3535, 0.4003 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

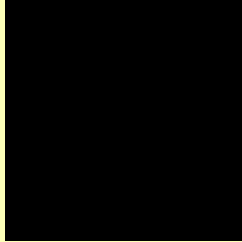
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.6343, 0.3535, 0.4003

Background



This preview shows how black text looks on a background with the Yxy color 95.6343, 0.3535, 0.4003.

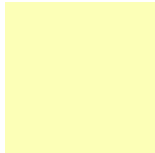


This preview shows how white text looks on a background with the Yxy color 95.6343, 0.3535, 0.4003.

Color Blindness Simulation

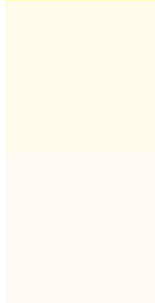
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.6343, 0.3535, 0.4003



Protanopia

95.5717, 0.3255, 0.3446

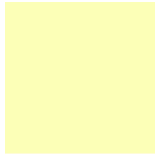
Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

95.4256, 0.3124, 0.3223

Trichromacy



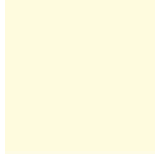
Original Color

95.6343, 0.3535, 0.4003



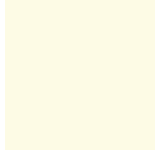
Protanomaly

95.5979, 0.3361, 0.3654



Deuteranomaly

95.3391, 0.3320, 0.3574



Tritanomaly

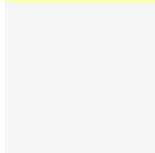
95.5342, 0.3271, 0.3505

Monochromacy



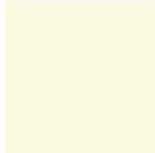
Original Color

95.6343, 0.3535, 0.4003



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.0355, 0.3277, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.6343, 0.3535, 0.4003 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, 183)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 183)  
}
```

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, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 183) }
```

Border

The CSS property to change the border of an element to Yxy 95.6343, 0.3535, 0.4003 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, 183) }
```

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

```
.border{ border-color:rgb(252, 255, 183) }
```

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, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 183);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 95.6343, 0.3535, 0.4003 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, 183) }
```

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

```
.background{ background-color: rgb(252,  
255, 183) }
```

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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