

Converting Colors

$Y_{xy}(95.3829, 0.3555, 0.4043)$

Have a look what the booklet for
Yxy(95.3829, 0.3555, 0.4043)
contains.

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Color

Yxy(95.4701, 0.3559, 0.4043)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFB3
RGB	252, 255, 179
RGB Percent	99%, 100%, 70%
CMY	0.0117, 0.0000, 0.2982
CMYK	0.01, 0.00, 0.30, 0.00
HSL	62°, 100%, 85%
HSV	62°, 30%, 100%
XYZ	84.0411, 95.4701, 56.6256
YIQ	245.4390, 22.6080, -24.2720

Conversions

Conversions Part 2

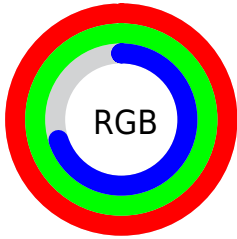
Format	Color
R_{YB}	179, 255, 182
Decimal	16580531
CIE _{Lab}	98.22, -12.43, 36.10
CIE _{LCh}	98, 38.178, 108.999
Yxy	95.4701, 0.3559, 0.4043
Android (android.graphics.Color)	4294770611 (0xFFFCFFB3)
YUV	245.4390, -32.7544, 5.7540
Hunter-Lab	97.7088, -17.4594, 34.0356

Details

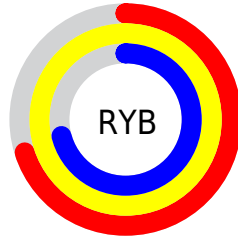
The Yxy color **95.4701, 0.3559, 0.4043** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.3853, 0.2618, 0.2419**, and the grayscale version is **91.9364, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **53.4966, 0.3642, 0.4193** is the 20% darker color. If you saturate the color by 10%, you get **94.3459, 0.3698, 0.4290**, and if you desaturate by 10%, it is **96.7870, 0.3414, 0.3788**.

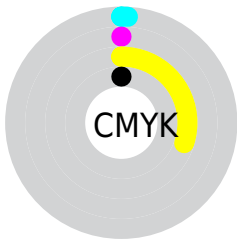
Distribution



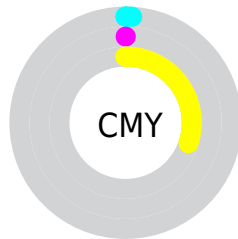
- Red (99%)
- Green (100%)
- Blue (70%)



- Red (70%)
- Yellow (100%)
- Blue (71%)



- Cyan (1%)
- Magenta (0%)
- Yellow (30%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.4701, 0.3559, 0.4043 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 95.4701, 0.3559, 0.4043 by changing the saturation by 10% instead.

 95.4701, 0.3559,
0.4043

 95.4701, 0.3559,
0.4043

545.6689, 0.3376,
0.3707

 72.5263, 0.3597,
0.4116

 154.9139, 0.3499,
0.3929

 53.5887, 0.3641,
0.4205


192.1827, 0.3475,
0.3884

 38.2729, 0.3693,
0.4314


234.9953, 0.3453,
0.3845

 26.1946, 0.3756,
0.4451

283.7361, 0.3434,
0.3810

 16.9693, 0.3831,
0.4626

338.7894, 0.3417,
0.3780

 10.2126, 0.3919,
0.4858

400.5397, 0.3402,

 5.5401, 0.4013,

0.3753

0.5168

469.3714, 0.3388,
0.3728

■ 2.5675, 0.4219,
0.5781

■ 0.9104, 0.3816,
0.6184

■ 95.4701, 0.3559,
0.4043

■ 95.4701, 0.3559,
0.4043

■ 94.3459, 0.3698,
0.4290

■ 96.7870, 0.3414,
0.3788

■ 93.4024, 0.3825,
0.4518

■ 98.3049, 0.3268,
0.3533

■ 92.6286, 0.3934,
0.4717

100.0000, 0.3127,
0.3290

■ 92.0116, 0.4020,
0.4879

■ 91.5366, 0.4079,
0.4997

■ 91.1861, 0.4113,
0.5071

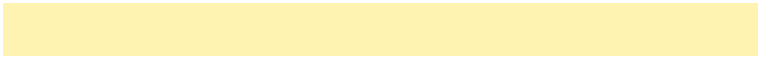
■ 90.9319, 0.4123,
0.5107

■ 90.9276, 0.4124,
0.5108

Harmonies

Analogous

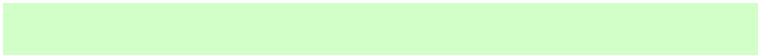
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4701, 0.3863, 0.3889



95.4701, 0.3559, 0.4043



95.4701, 0.3151, 0.3973

Triad

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



95.4701, 0.3559, 0.4043



95.4701, 0.2354, 0.2896



95.4701, 0.3485, 0.2942

Complementary

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



95.4701, 0.3559, 0.4043



49.3853, 0.2618, 0.2419

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.



95.4701, 0.3058, 0.2712



95.4701, 0.3559, 0.4043



95.4701, 0.2427, 0.2670

Square

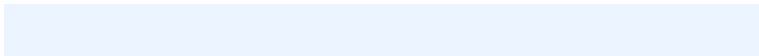
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.4701, 0.3559, 0.4043



95.4701, 0.2468, 0.3263



95.4701, 0.2676, 0.2612



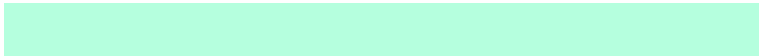
95.4701, 0.3827, 0.3257

Rectangle

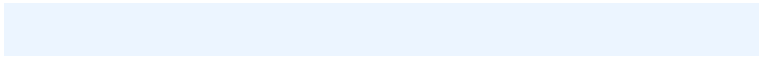
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.4701, 0.3559, 0.4043



95.4701, 0.2878, 0.3794



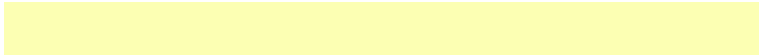
95.4701, 0.2676, 0.2612



95.4701, 0.3345, 0.2854

Sweetspot

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



95.4705, 0.3559, 0.4043



98.4383, 0.3256, 0.3512



57.7641, 0.3792, 0.3319



21.0193, 0.3277, 0.3549



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

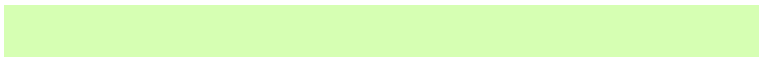
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4705, 0.3559, 0.4043



94.7533, 0.3646, 0.4197



89.1368, 0.3308, 0.4109



21.0522, 0.3263, 0.3525



47.5277, 0.4125, 0.5107



4.6385, 0.4133, 0.5100

Inverse Universe

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



49.3853, 0.2618, 0.2419



41.6803, 0.2492, 0.2206



54.5861, 0.2889, 0.2482



17.4118, 0.2985, 0.3044



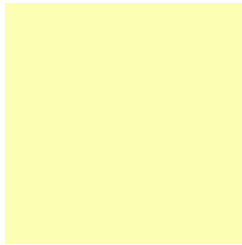
3.8211, 0.1512, 0.0606



0.3835, 0.1539, 0.0622

Previews

White Background



This preview shows how the Yxy color 95.4701, 0.3559, 0.4043 looks on a white background.

Color Contrast Check

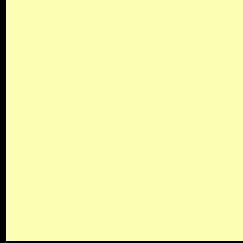
Large Text (above 18pt) WCAG AA × Fail

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 95.4701, 0.3559, 0.4043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

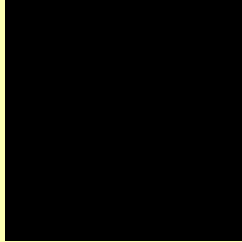
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.4701, 0.3559, 0.4043

Background



This preview shows how black text looks on a background with the Yxy color 95.4701, 0.3559, 0.4043.

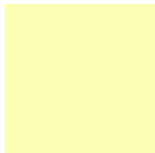


This preview shows how white text looks on a background with the Yxy color 95.4701, 0.3559, 0.4043.

Color Blindness Simulation

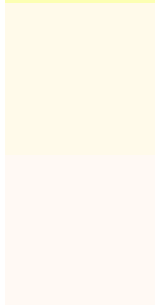
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.4701, 0.3559, 0.4043



Protanopia

95.5717, 0.3255, 0.3446

Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

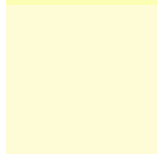
95.6148, 0.3130, 0.3223

Trichromacy



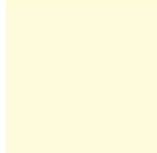
Original Color

95.4701, 0.3559, 0.4043



Protanomaly

95.5467, 0.3367, 0.3664



Deuteranomaly

95.2325, 0.3332, 0.3594



Tritanomaly

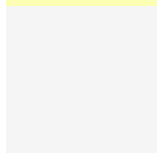
95.6112, 0.3290, 0.3525

Monochromacy



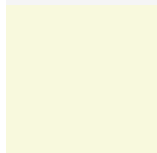
Original Color

95.4701, 0.3559, 0.4043



Achromatopsia

91.3099, 0.3127, 0.3290



Achromatomaly

92.9283, 0.3289, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4701, 0.3559, 0.4043 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, 179)` looks like.

```
.text, #text, p{  
  color:rgb(252, 255, 179)  
}
```

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, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 179) }
```

Border

The CSS property to change the border of an element to Yxy 95.4701, 0.3559, 0.4043 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, 179) }
```

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

```
.border{ border-color:rgb(252, 255, 179) }
```

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, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 179);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4701, 0.3559, 0.4043 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, 179) }
```

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

```
.background{ background-color: rgb(252,  
255, 179) }
```

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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