

Converting Colors

$Y_{xy}(95.6380, 0.3550, 0.4022)$

Have a look what the booklet for
Yxy(95.6380, 0.3550, 0.4022)
contains.

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Color

Yxy(95.5516, 0.3547, 0.4023)

Conversions

Conversions Part 1

Format	Color
Hex	FCFFB5
RGB	252, 255, 181
RGB Percent	99%, 100%, 71%
CMY	0.0117, 0.0000, 0.2902
CMYK	0.01, 0.00, 0.29, 0.00
HSL	62°, 100%, 85%
HSV	62°, 29%, 100%
XYZ	84.2460, 95.5516, 57.7157
YIQ	245.6670, 21.9660, -23.6500

Conversions

Conversions Part 2

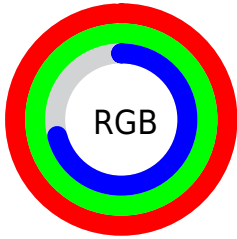
Format	Color
RYB	181, 255, 184
Decimal	16580533
CIELab	98.25, -12.18, 35.13
CIElCh	98, 37.180, 109.122
Yxy	95.5516, 0.3547, 0.4023
Android (android.graphics.Color)	4294770613 (0xFFFCFFB5)
YUV	245.6670, -31.8808, 5.5540
Hunter-Lab	97.7505, -17.2237, 33.4182

Details

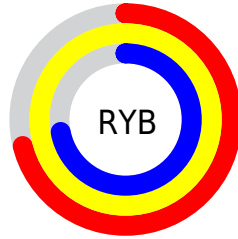
The Yxy color **95.5516, 0.3547, 0.4023** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.4555, 0.2634, 0.2446**, and the grayscale version is **92.1250, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **53.5226, 0.3635, 0.4181** is the 20% darker color. If you saturate the color by 10%, you get **94.4074, 0.3686, 0.4271**, and if you desaturate by 10%, it is **96.8899, 0.3402, 0.3768**.

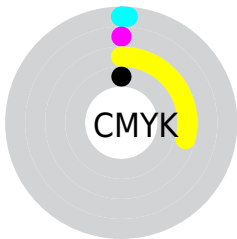
Distribution



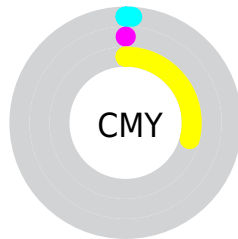
- Red (99%)
- Green (100%)
- Blue (71%)



- Red (71%)
- Yellow (100%)
- Blue (72%)



- Cyan (1%)
- Magenta (0%)
- Yellow (29%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.5516, 0.3547, 0.4023 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 95.5516, 0.3547, 0.4023 by changing the saturation by 10% instead.

 95.5516, 0.3547,
0.4023

 95.5516, 0.3547,
0.4023


545.9294, 0.3369,
0.3696

 72.5942, 0.3584,
0.4094


 155.0264, 0.3488,
0.3912

 53.6442, 0.3627,
0.4181


192.3126, 0.3465,
0.3868

 38.3173, 0.3678,
0.4287


235.1439, 0.3444,
0.3830

 26.2290, 0.3740,
0.4421

283.9045, 0.3425,
0.3796

 16.9950, 0.3814,
0.4593

338.9790, 0.3409,
0.3767

 10.2310, 0.3902,
0.4820

400.7517, 0.3394,

 5.5524, 0.3997,

0.3740

0.5126

469.6070, 0.3381,
0.3717

■ 2.5749, 0.4233,
0.5767

■ 0.9140, 0.3846,
0.6154

■ 95.5516, 0.3547,
0.4023

■ 95.5516, 0.3547,
0.4023

■ 94.4074, 0.3686,
0.4271

■ 96.8899, 0.3402,
0.3768


■ 93.4445, 0.3814,
0.4501


■ 98.4298, 0.3256,
0.3513

■ 92.6524, 0.3925,
0.4703

100.0000, 0.3127,
0.3290

■ 92.0182, 0.4012,
0.4868

 91.5274, 0.4074,
0.4991

 91.1626, 0.4109,
0.5068

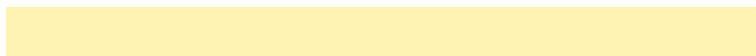
 90.8983, 0.4121,
0.5107

 90.8747, 0.4122,
0.5109

Harmonies

Analogous

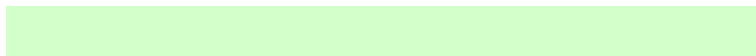
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.5516, 0.3843, 0.3875



95.5516, 0.3547, 0.4023



95.5516, 0.3150, 0.3953

Triad

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



95.5516, 0.3547, 0.4023



95.5516, 0.2373, 0.2906



95.5516, 0.3477, 0.2952

Complementary

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



95.5516, 0.3547, 0.4023



50.4555, 0.2634, 0.2446

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.



95.5516, 0.3062, 0.2727



95.5516, 0.3547, 0.4023



95.5516, 0.2445, 0.2685

Square

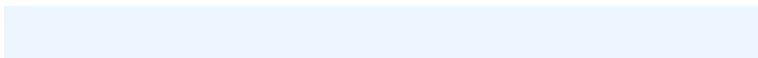
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.5516, 0.3547, 0.4023



95.5516, 0.2484, 0.3263



95.5516, 0.2689, 0.2629



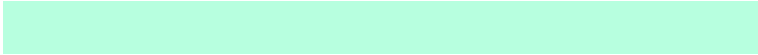
95.5516, 0.3810, 0.3260

Rectangle

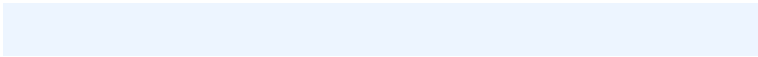
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



95.5516, 0.3547, 0.4023



95.5516, 0.2883, 0.3778



95.5516, 0.2689, 0.2629



95.5516, 0.3342, 0.2866

Sweetspot

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



95.5523, 0.3547, 0.4023



98.4333, 0.3256, 0.3512



58.6543, 0.3768, 0.3318



21.0180, 0.3277, 0.3549



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

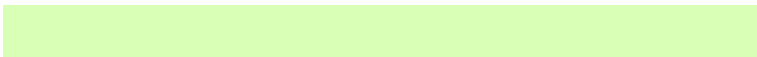
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.5523, 0.3547, 0.4023



94.8453, 0.3631, 0.4173



89.3837, 0.3303, 0.4085



21.0511, 0.3263, 0.3525



47.5005, 0.4123, 0.5108



4.6361, 0.4131, 0.5102

Inverse Universe

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



50.4555, 0.2634, 0.2446



42.8768, 0.2513, 0.2241



55.5545, 0.2897, 0.2506



17.4128, 0.2985, 0.3044



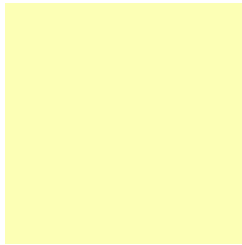
3.8226, 0.1512, 0.0607



0.3840, 0.1540, 0.0622

Previews

White Background



This preview shows how the Yxy color 95.5516, 0.3547, 0.4023 looks on a white background.

Color Contrast Check

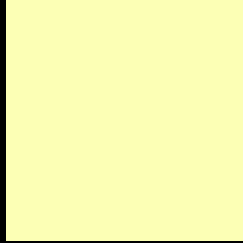
Large Text (above 18pt) WCAG AA × Fail

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 95.5516, 0.3547, 0.4023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

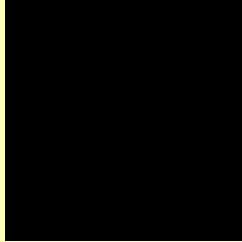
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.5516, 0.3547, 0.4023

Background



This preview shows how black text looks on a background with the Yxy color 95.5516, 0.3547, 0.4023.



This preview shows how white text looks on a background with the Yxy color 95.5516, 0.3547, 0.4023.

Color Blindness Simulation

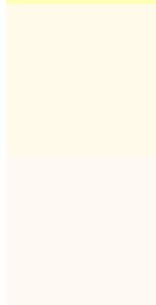
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.5516, 0.3547, 0.4023



Protanopia

95.5717, 0.3255, 0.3446

Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

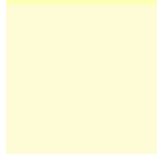
95.6148, 0.3130, 0.3223

Trichromacy



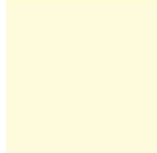
Original Color

95.5516, 0.3547, 0.4023



Protanomaly

95.5979, 0.3361, 0.3654



Deuteranomaly

95.2856, 0.3326, 0.3584



Tritanomaly

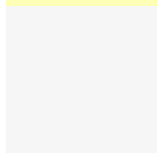
95.6666, 0.3283, 0.3515

Monochromacy



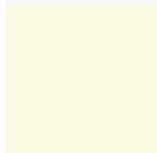
Original Color

95.5516, 0.3547, 0.4023



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

92.9817, 0.3283, 0.3559

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.5516, 0.3547, 0.4023 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, 181)` looks like.

```
.text, #text, p{  
    color:rgb(252, 255, 181)  
}
```

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, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 255, 181) }
```

Border

The CSS property to change the border of an element to Yxy 95.5516, 0.3547, 0.4023 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, 181) }
```

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

```
.border{ border-color:rgb(252, 255, 181) }
```

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, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 255, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 255, 181);  
box-shadow:4px 4px 4px 4px rgb(252, 255,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 95.5516, 0.3547, 0.4023 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, 181) }
```

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

```
.background{ background-color: rgb(252,  
255, 181) }
```

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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