

Converting Colors

$Y_{xy}(100.0000, 0.3728, 0.3985)$

Have a look what the booklet for
Yxy(100.0000, 0.3728, 0.3985)
contains.

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Color

Yxy(95.4389, 0.3576, 0.4019)

Conversions

Conversions Part 1

Format	Color
Hex	FFFEB4
RGB	255, 254, 180
RGB Percent	100%, 100%, 71%
CMY	0.0000, 0.0039, 0.2942
CMYK	0.00, 0.00, 0.29, 0.00
HSL	59°, 100%, 85%
HSV	59°, 29%, 100%
XYZ	84.9190, 95.4389, 57.1114
YIQ	245.8630, 24.3500, -22.8020

Conversions

Conversions Part 2

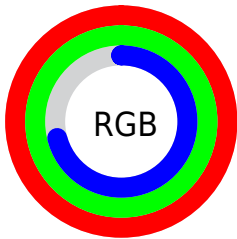
Format	Color
R _Y B	181, 255, 180
Decimal	16776884
CIE Lab	98.21, -10.71, 35.62
CIE LCh	98, 37.194, 106.736
Yxy	95.4389, 0.3576, 0.4019
Android (android.graphics.Color)	4294966964 (0xFFFFFEB4)
YUV	245.8630, -32.4705, 8.0131
Hunter-Lab	97.6928, -15.8022, 33.7240

Details

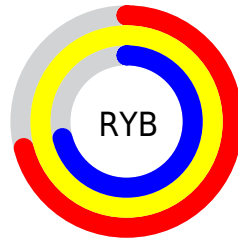
The Yxy color **95.4389, 0.3576, 0.4019** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **49.9552, 0.2607, 0.2440**, and the grayscale version is **92.2955, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **53.3092, 0.3664, 0.4177** is the 20% darker color. If you saturate the color by 10%, you get **94.2829, 0.3725, 0.4259**, and if you desaturate by 10%, it is **96.7932, 0.3422, 0.3770**.

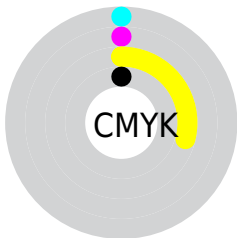
Distribution



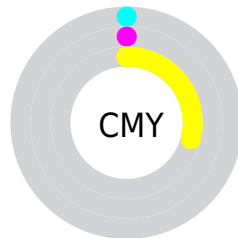
- Red (100%)
- Green (100%)
- Blue (71%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 95.4389, 0.3576, 0.4019 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 95.4389, 0.3576, 0.4019 by changing the saturation by 10% instead.


 95.4389, 0.3576,
0.4019

 95.4389, 0.3576,
0.4019

545.5691, 0.3385,
0.3694

 72.5003, 0.3616,
0.4090


 154.8708, 0.3513,
0.3909

 53.5675, 0.3662,
0.4175


192.1330, 0.3487,
0.3866

 38.2560, 0.3718,
0.4279


234.9384, 0.3465,
0.3828

 26.1814, 0.3785,
0.4411

283.6716, 0.3445,
0.3795

 16.9594, 0.3866,
0.4579

338.7168, 0.3428,
0.3765

 10.2056, 0.3962,
0.4799

400.4586, 0.3412,

 5.5355, 0.4070,

0.3739

0.5093

469.2812, 0.3398,
0.3715

■ 2.5647, 0.4312,
0.5688

■ 0.9090, 0.3985,
0.6015

■ 95.4389, 0.3576,
0.4019

■ 95.4389, 0.3576,
0.4019

■ 94.2829, 0.3725,
0.4259

■ 96.7932, 0.3422,
0.3770

■ 93.3046, 0.3862,
0.4480

■ 98.3454, 0.3268,
0.3520

■ 92.4959, 0.3982,
0.4672

100.0000, 0.3127,
0.3290

■ 91.8438, 0.4079,
0.4826

■ 91.3338, 0.4150,
0.4937

■ 90.9484, 0.4195,
0.5004

■ 90.6608, 0.4216,
0.5033

■ 90.6453, 0.4217,
0.5034

Harmonies

Analogous

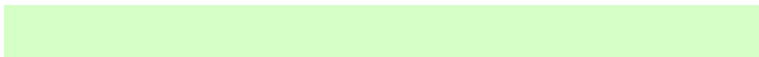
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



95.4389, 0.3860, 0.3857



95.4389, 0.3576, 0.4019



95.4389, 0.3182, 0.3968

Triad

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



95.4389, 0.3576, 0.4019



95.4389, 0.2374, 0.2930



95.4389, 0.3446, 0.2930

Complementary

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



95.4389, 0.3576, 0.4019



49.9552, 0.2607, 0.2440

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.



95.4389, 0.3029, 0.2714



95.4389, 0.3576, 0.4019



95.4389, 0.2432, 0.2697

Square

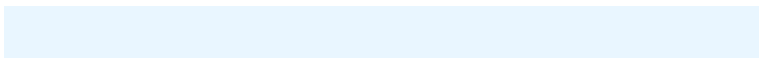
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



95.4389, 0.3576, 0.4019



95.4389, 0.2500, 0.3295



95.4389, 0.2663, 0.2627



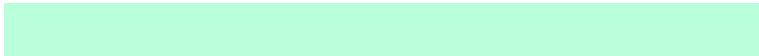
95.4389, 0.3790, 0.3233

Rectangle

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



95.4389, 0.3576, 0.4019



95.4389, 0.2914, 0.3804



95.4389, 0.2663, 0.2627



95.4389, 0.3308, 0.2846

Sweetspot

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



95.4423, 0.3576, 0.4019



98.4154, 0.3262, 0.3509



57.2380, 0.3776, 0.3279



21.0136, 0.3284, 0.3545



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

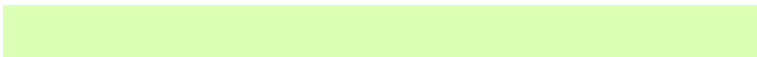
The Same Dimension uses a secret algorithm to generate beautiful new colors.



95.4423, 0.3576, 0.4019



94.7726, 0.3660, 0.4155



89.8338, 0.3330, 0.4090



21.0470, 0.3269, 0.3522



47.3830, 0.4216, 0.5034



4.6263, 0.4214, 0.5036

Inverse Universe

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



49.9552, 0.2607, 0.2440



42.9123, 0.2491, 0.2249



54.4876, 0.2865, 0.2487



17.4162, 0.2978, 0.3047



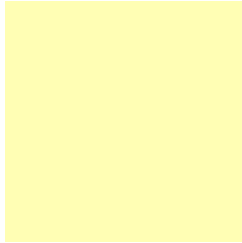
3.8276, 0.1502, 0.0608



0.3856, 0.1508, 0.0627

Previews

White Background



This preview shows how the Yxy color 95.4389, 0.3576, 0.4019 looks on a white background.

Color Contrast Check

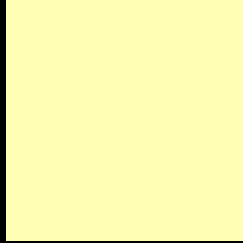
Large Text (above 18pt) WCAG AA × Fail

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 95.4389, 0.3576, 0.4019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

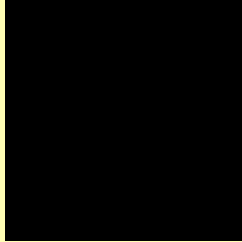
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 95.4389, 0.3576, 0.4019

Background



This preview shows how black text looks on a background with the Yxy color 95.4389, 0.3576, 0.4019.



This preview shows how white text looks on a background with the Yxy color 95.4389, 0.3576, 0.4019.

Color Blindness Simulation

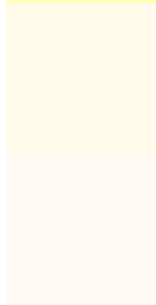
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

95.4389, 0.3576, 0.4019



Protanopia

95.5717, 0.3255, 0.3446

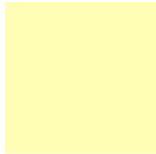
Deuteranopia

95.5430, 0.3195, 0.3338

Tritanopia

95.5506, 0.3136, 0.3233

Trichromacy



Original Color

95.4389, 0.3576, 0.4019



Protanomaly

95.1094, 0.3376, 0.3653



Deuteranomaly

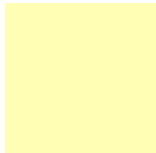
95.4748, 0.3333, 0.3584



Tritanomaly

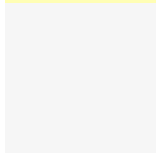
95.1773, 0.3297, 0.3515

Monochromacy



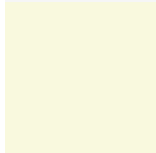
Original Color

95.4389, 0.3576, 0.4019



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.1650, 0.3289, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 95.4389, 0.3576, 0.4019 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(255, 254, 180)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 180)  
}
```

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(255, 254, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 180) }
```

Border

The CSS property to change the border of an element to Yxy 95.4389, 0.3576, 0.4019 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(255, 254, 180) }
```

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

```
.border{ border-color:rgb(255, 254, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 254, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 180);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 95.4389, 0.3576, 0.4019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 180) }
```

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

```
.background{ background-color: rgb(255,  
254, 180) }
```

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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