

Converting Colors

$Y_{xy}(100.0000, 0.3733, 0.3924)$

Have a look what the booklet for
Yxy(100.0000, 0.3733, 0.3924)
contains.

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Color

Yxy(94.9713, 0.3554, 0.3971)

Conversions

Conversions Part 1

Format	Color
Hex	FFFDB8
RGB	255, 253, 184
RGB Percent	100%, 99%, 72%
CMY	0.0003, 0.0077, 0.2785
CMYK	0.00, 0.01, 0.28, 0.00
HSL	58°, 100%, 86%
HSV	58°, 28%, 100%
XYZ	84.9982, 94.9713, 59.1926
YIQ	245.7320, 23.3410, -21.0350

Conversions

Conversions Part 2

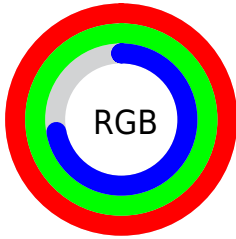
Format	Color
R _Y B	186, 255, 184
Decimal	16776632
CIE Lab	98.02, -9.76, 33.36
CIE LCh	98, 34.757, 106.300
Yxy	94.9713, 0.3554, 0.3971
Android (android.graphics.Color)	4294966712 (0xFFFFFDB8)
YUV	245.7320, -30.4339, 8.1280
Hunter-Lab	97.4532, -14.8563, 32.2048

Details

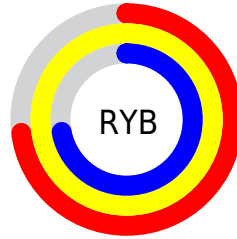
The Yxy color **94.9713, 0.3554, 0.3971** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **52.4804, 0.2641, 0.2504**, and the grayscale version is **92.1628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **53.0973, 0.3647, 0.4115** is the 20% darker color. If you saturate the color by 10%, you get **93.5689, 0.3706, 0.4211**, and if you desaturate by 10%, it is **96.5765, 0.3398, 0.3724**.

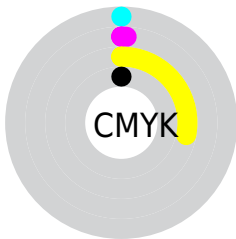
Distribution



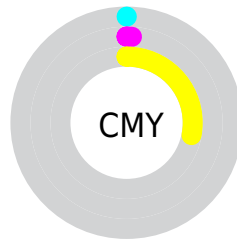
- Red (100%)
- Green (99%)
- Blue (72%)



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



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





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.9713, 0.3554, 0.3971 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 94.9713, 0.3554, 0.3971 by changing the saturation by 10% instead.


 94.9713, 0.3554,
0.3971

 94.9713, 0.3554,
0.3971


544.0731, 0.3371,
0.3667

 72.1111, 0.3592,
0.4037


 154.2250, 0.3493,
0.3868

 53.2494, 0.3637,
0.4117


191.3872, 0.3469,
0.3828

 38.0019, 0.3691,
0.4215


234.0855, 0.3448,
0.3792

 25.9842, 0.3757,
0.4339

282.7044, 0.3429,
0.3761

 16.8118, 0.3838,
0.4498

337.6282, 0.3412,
0.3734

 10.1004, 0.3936,
0.4708

399.2413, 0.3397,

 5.4656, 0.4050,

0.3709

0.4993

467.9282, 0.3383,
0.3687

■ 2.5229, 0.4360,
0.5640

■ 0.8881, 0.4056,
0.5944

■ 94.9713, 0.3554,
0.3971

■ 94.9713, 0.3554,
0.3971

■ 93.5689, 0.3706,
0.4211

■ 96.5765, 0.3398,
0.3724


■ 92.3460, 0.3848,
0.4434


■ 98.3812, 0.3244,
0.3478

■ 91.2957, 0.3974,
0.4629


99.9877, 0.3127,
0.3290

■ 90.4053, 0.4079,
0.4789

 89.6605, 0.4158,
0.4906

 89.0445, 0.4210,
0.4978

 88.5347, 0.4237,
0.5010

 88.4309, 0.4242,
0.5014

Harmonies

Analogous

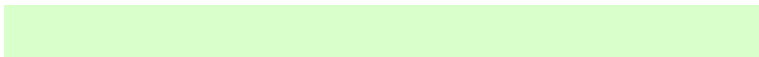
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.9713, 0.3817, 0.3820



94.9713, 0.3554, 0.3971



94.9713, 0.3186, 0.3924

Triad

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



94.9713, 0.3554, 0.3971



94.9713, 0.2420, 0.2959



94.9713, 0.3421, 0.2948

Complementary

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



94.9713, 0.3554, 0.3971



52.4804, 0.2641, 0.2504

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.



94.9713, 0.3031, 0.2745



94.9713, 0.3554, 0.3971



94.9713, 0.2472, 0.2736

Square

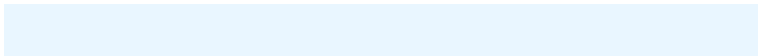
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.9713, 0.3554, 0.3971



94.9713, 0.2541, 0.3302



94.9713, 0.2688, 0.2666



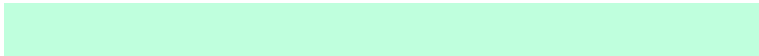
94.9713, 0.3743, 0.3234

Rectangle

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



94.9713, 0.3554, 0.3971



94.9713, 0.2934, 0.3773



94.9713, 0.2688, 0.2666



94.9713, 0.3292, 0.2869

Sweetspot

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



94.9756, 0.3554, 0.3971



98.4055, 0.3247, 0.3482



59.0853, 0.3719, 0.3267



21.0019, 0.3270, 0.3519



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

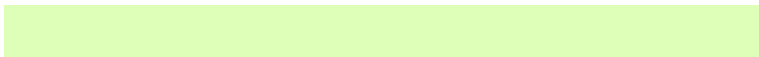
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.9756, 0.3554, 0.3971



94.2791, 0.3633, 0.4097



90.4412, 0.3327, 0.4042



21.0019, 0.3270, 0.3519



46.2715, 0.4241, 0.5015



4.5307, 0.4235, 0.5019

Inverse Universe

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



52.4804, 0.2641, 0.2504



45.7916, 0.2535, 0.2332



56.2599, 0.2873, 0.2533



17.4560, 0.2978, 0.3051



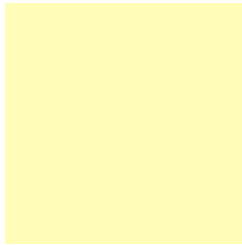
3.8843, 0.1505, 0.0616



0.4045, 0.1515, 0.0654

Previews

White Background



This preview shows how the Yxy color 94.9713, 0.3554, 0.3971 looks on a white background.

Color Contrast Check

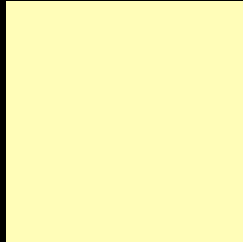
Large Text (above 18pt) WCAG AA × Fail

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 94.9713, 0.3554, 0.3971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

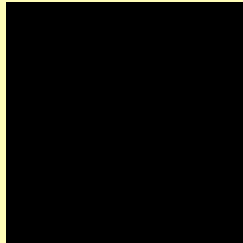
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.9713, 0.3554, 0.3971

Background



This preview shows how black text looks on a background with the Yxy color 94.9713, 0.3554, 0.3971.



This preview shows how white text looks on a background with the Yxy color 94.9713, 0.3554, 0.3971.

Color Blindness Simulation

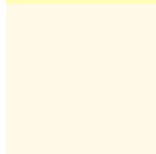
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



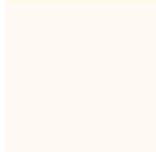
Original Color

94.9713, 0.3554, 0.3971



Protanopia

94.8376, 0.3268, 0.3456



Deuteranopia

94.8659, 0.3202, 0.3338



Tritanopia

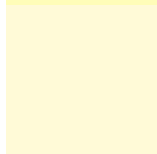
94.9373, 0.3137, 0.3223

Trichromacy



Original Color

94.9713, 0.3554, 0.3971



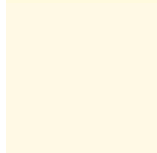
Protanomaly

94.5375, 0.3371, 0.3634



Deuteranomaly

94.9051, 0.3328, 0.3564



Tritanomaly

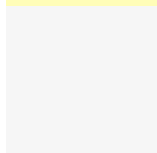
94.6685, 0.3286, 0.3485

Monochromacy



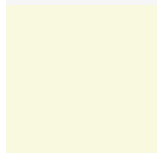
Original Color

94.9713, 0.3554, 0.3971



Achromatopsia

92.1582, 0.3127, 0.3290



Achromatomaly

93.2188, 0.3283, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.9713, 0.3554, 0.3971 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, 253, 184)` looks like.

```
.text, #text, p{  
    color:rgb(255, 253, 184)  
}
```

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, 253, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 253, 184) }
```

Border

The CSS property to change the border of an element to Yxy 94.9713, 0.3554, 0.3971 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, 253, 184) }
```

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

```
.border{ border-color:rgb(255, 253, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 253, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 253, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 253, 184);  
box-shadow:4px 4px 4px 4px rgb(255, 253,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 94.9713, 0.3554, 0.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 253, 184) }
```

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

```
.background{ background-color: rgb(255,  
253, 184) }
```

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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