

Converting Colors

$Y_{xy}(127.2302, 0.4280, 0.3619)$

Have a look what the booklet for
Yxy(127.2302, 0.4280, 0.3619)
contains.

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Color

Yxy(93.9908, 0.3439, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	FFFACC
RGB	255, 250, 204
RGB Percent	100%, 98%, 80%
CMY	0.0000, 0.0196, 0.2000
CMYK	0.00, 0.02, 0.20, 0.00
HSL	54°, 100%, 90%
HSV	54°, 20%, 100%
XYZ	86.3340, 93.9908, 70.7190
YIQ	246.2510, 17.7460, -13.2460

Conversions

Conversions Part 2

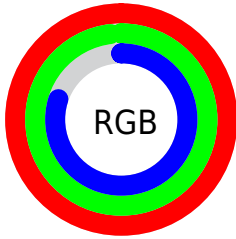
Format	Color
RYB	210, 255, 204
Decimal	16775884
CIELab	97.63, -5.55, 22.71
CIELCh	98, 23.376, 103.729
Yxy	93.9908, 0.3439, 0.3744
Android (android.graphics.Color)	4294965964 (0xFFFFFACC)
YUV	246.2510, -20.8297, 7.6729
Hunter-Lab	96.9489, -10.7044, 24.6153

Details

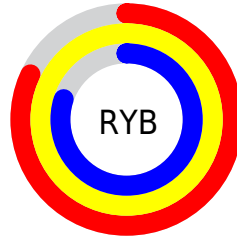
The Yxy color **93.9908, 0.3439, 0.3744** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **65.6622, 0.2795, 0.2791**, and the grayscale version is **92.5311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **52.7913, 0.3500, 0.3843** is the 20% darker color. If you saturate the color by 10%, you get **91.3185, 0.3602, 0.3975**, and if you desaturate by 10%, it is **96.8794, 0.3279, 0.3514**.

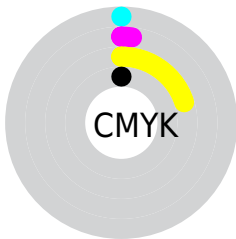
Distribution



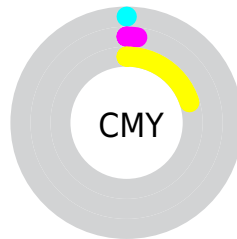
- Red (100%)
- Green (98%)
- Blue (80%)



- Red (82%)
- Yellow (100%)
- Blue (80%)



- Cyan (0%)
- Magenta (2%)
- Yellow (20%)
- Black (0%)




- Cyan (0%)
- Magenta (2%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.9908, 0.3439, 0.3744 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 93.9908, 0.3439, 0.3744 by changing the saturation by 10% instead.


 93.9908, 0.3439,
0.3744

 93.9908, 0.3439,
0.3744


540.9291, 0.3303,
0.3542

 71.2953, 0.3468,
0.3788


152.8696, 0.3393,
0.3675

 52.5832, 0.3503,
0.3842


189.8217, 0.3375,
0.3648

 37.4702, 0.3546,
0.3909


232.2948, 0.3359,
0.3625

 25.5717, 0.3600,
0.3993

280.6733, 0.3345,
0.3604

 16.5035, 0.3668,
0.4104

335.3416, 0.3333,
0.3586

 9.8812, 0.3758,
0.4253

396.6841, 0.3322,

 5.3202, 0.3880,

0.3569

0.4466

465.0851, 0.3312,
0.3555

■ 2.4364, 0.4092,
0.4840

■ 0.8445, 0.4414,
0.5586

■ 93.9908, 0.3439,
0.3744

■ 93.9908, 0.3439,
0.3744

■ 91.3185, 0.3602,
0.3975

■ 96.8794, 0.3279,
0.3514

■ 88.8597, 0.3764,
0.4200

100.0000, 0.3127,
0.3290

■ 86.6014, 0.3918,
0.4407

■ 84.5320, 0.4059,
0.4587

■ 82.6385, 0.4179,
0.4731

■ 80.9059, 0.4273,
0.4832

■ 79.3166, 0.4339,
0.4888

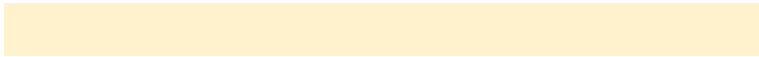
■ 77.8417, 0.4380,
0.4904

■ 77.8415, 0.4380,
0.4904

Harmonies

Analogous

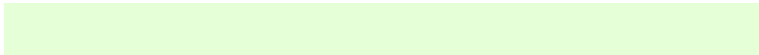
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.9908, 0.3603, 0.3643



93.9908, 0.3439, 0.3744



93.9908, 0.3195, 0.3717

Triad

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



93.9908, 0.3439, 0.3744



93.9908, 0.2643, 0.3090



93.9908, 0.3306, 0.3041

Complementary

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



93.9908, 0.3439, 0.3744



65.6622, 0.2795, 0.2791

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.



93.9908, 0.3043, 0.2904



93.9908, 0.3439, 0.3744



93.9908, 0.2669, 0.2924

Square

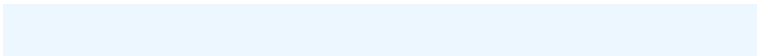
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.9908, 0.3439, 0.3744



93.9908, 0.2740, 0.3324



93.9908, 0.2812, 0.2860



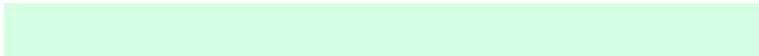
93.9908, 0.3526, 0.3239

Rectangle

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



93.9908, 0.3439, 0.3744



93.9908, 0.3021, 0.3625



93.9908, 0.2812, 0.2860



93.9908, 0.3219, 0.2986

Sweetspot

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



93.9885, 0.3439, 0.3744



98.0993, 0.3217, 0.3423



69.0557, 0.3487, 0.3239



20.9541, 0.3227, 0.3438



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

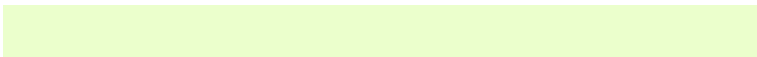
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.9885, 0.3439, 0.3744



92.8942, 0.3504, 0.3837



93.4741, 0.3295, 0.3813



20.7680, 0.3272, 0.3502



40.7983, 0.4377, 0.4907



4.0570, 0.4353, 0.4925

Inverse Universe

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



65.6622, 0.2795, 0.2791



59.8813, 0.2720, 0.2677



66.3187, 0.2932, 0.2757



17.6643, 0.2979, 0.3069



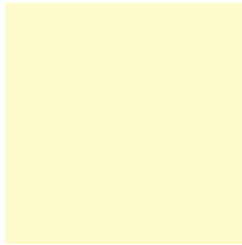
4.2305, 0.1518, 0.0665



0.5031, 0.1554, 0.0793

Previews

White Background



This preview shows how the Yxy color 93.9908, 0.3439, 0.3744 looks on a white background.

Color Contrast Check

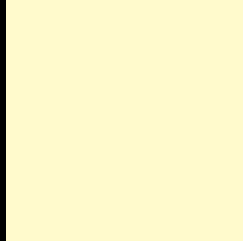
Large Text (above 18pt) WCAG AA × Fail

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 93.9908, 0.3439, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

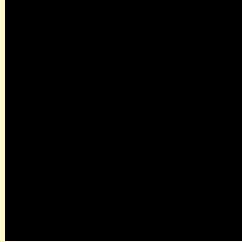
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.9908, 0.3439, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 93.9908, 0.3439, 0.3744.

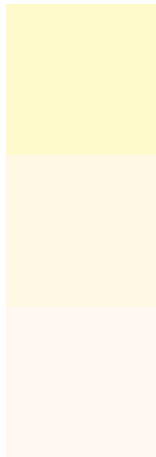


This preview shows how white text looks on a background with the Yxy color 93.9908, 0.3439, 0.3744.

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

93.9908, 0.3439, 0.3744

Protanopia

94.0519, 0.3287, 0.3476

Deuteranopia

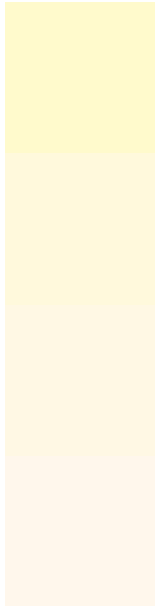
94.1923, 0.3209, 0.3339



Tritanopia

93.7206, 0.3138, 0.3204

Trichromacy



Original Color

93.9908, 0.3439, 0.3744

Protanomaly

94.1787, 0.3341, 0.3575

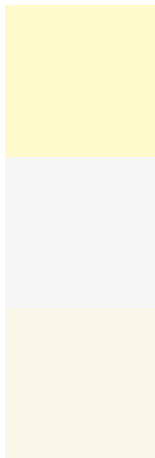
Deuteranomaly

93.9962, 0.3293, 0.3486

Tritanomaly

93.8377, 0.3245, 0.3397

Monochromacy



Original Color

93.9908, 0.3439, 0.3744

Achromatopsia

92.1582, 0.3127, 0.3290

Achromatomaly

92.4308, 0.3236, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.9908, 0.3439, 0.3744 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, 250, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 250, 204)  
}
```

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, 250, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 250, 204) }
```

Border

The CSS property to change the border of an element to Yxy 93.9908, 0.3439, 0.3744 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, 250, 204) }
```

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

```
.border{ border-color:rgb(255, 250, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 250, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 250, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 250, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 250,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 93.9908, 0.3439, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 250, 204) }
```

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

```
.background{ background-color: rgb(255,  
250, 204) }
```

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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