

Converting Colors

$Yxy(93.7670, 0.3447, 0.3996)$

Have a look what the booklet for
Yxy(93.7670, 0.3447, 0.3996)
contains.

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Color

Yxy(93.7236, 0.3449, 0.4001)

Conversions

Conversions Part 1

Format	Color
Hex	F1FFB9
RGB	241, 255, 185
RGB Percent	95%, 100%, 73%
CMY	0.0549, 0.0000, 0.2745
CMYK	0.05, 0.00, 0.27, 0.00
HSL	72°, 100%, 86%
HSV	72°, 27%, 100%
XYZ	80.7930, 93.7236, 59.7339
YIQ	242.8340, 14.1260, -24.7380

Conversions

Conversions Part 2

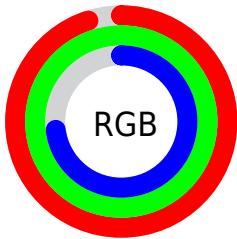
Format	Color
RYB	185, 255, 199
Decimal	15859641
CIELab	97.52, -15.67, 32.00
CIElCh	98, 35.631, 116.094
Yxy	93.7236, 0.3449, 0.4001
Android (android.graphics.Color)	4294049721 (0xFFFF1FFB9)
YUV	242.8340, -28.5122, -1.6084
Hunter-Lab	96.8109, -20.4531, 31.1848

Details

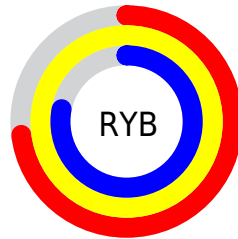
The Yxy color **93.7236, 0.3449, 0.4001** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.0640, 0.2743, 0.2515**, and the grayscale version is **89.7114, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **52.2172, 0.3510, 0.4161** is the 20% darker color. If you saturate the color by 10%, you get **91.8566, 0.3560, 0.4268**, and if you desaturate by 10%, it is **95.8095, 0.3332, 0.3734**.

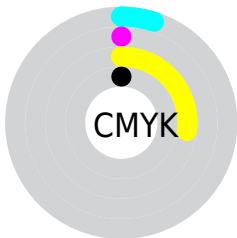
Distribution



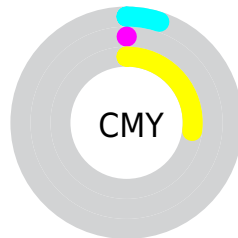
- Red (95%)
- Green (100%)
- Blue (73%)



- Red (73%)
- Yellow (100%)
- Blue (78%)



- Cyan (5%)
- Magenta (0%)
- Yellow (27%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7236, 0.3449, 0.4001 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 93.7236, 0.3449, 0.4001 by changing the saturation by 10% instead.


 93.7236, 0.3449,
0.4001

 93.7236, 0.3449,
0.4001


540.0706, 0.3313,
0.3680

 71.0731, 0.3477,
0.4072

 152.5000, 0.3404,
0.3891

 52.4018, 0.3509,
0.4159


189.3947, 0.3386,
0.3848

 37.3255, 0.3548,
0.4266


231.8063, 0.3371,
0.3811

 25.4596, 0.3594,
0.4403

280.1191, 0.3356,
0.3778

 16.4198, 0.3649,
0.4582

334.7175, 0.3344,
0.3749

 9.8217, 0.3712,
0.4824

395.9860, 0.3333,

 5.2809, 0.3777,

0.3723

0.5163

464.3089, 0.3322,
0.3700

■ 2.4130, 0.4025,
0.5975

■ 0.8326, 0.3293,
0.6707

■ 93.7236, 0.3449,
0.4001

■ 93.7236, 0.3449,
0.4001

■ 91.8566, 0.3560,
0.4268

■ 95.8095, 0.3332,
0.3734


■ 90.1970, 0.3661,
0.4526

■ 98.1232, 0.3214,
0.3475


■ 88.7337, 0.3745,
0.4764


100.0000, 0.3127,
0.3290

■ 87.4539, 0.3808,
0.4969

 86.3431, 0.3845,
0.5133

 85.3844, 0.3856,
0.5250

 84.5557, 0.3842,
0.5321

 84.3568, 0.3837,
0.5336

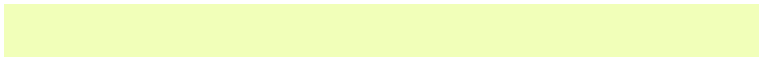
Harmonies

Analogous

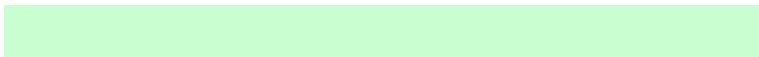
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7236, 0.3766, 0.3904



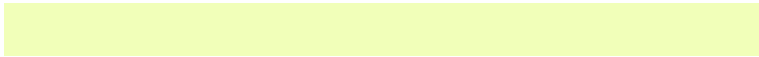
93.7236, 0.3449, 0.4001



93.7236, 0.3058, 0.3879

Triad

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



93.7236, 0.3449, 0.4001



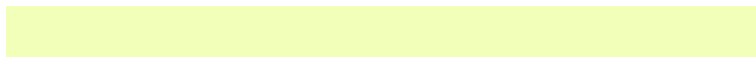
93.7236, 0.2398, 0.2857



93.7236, 0.3552, 0.3028

Complementary

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



93.7236, 0.3449, 0.4001



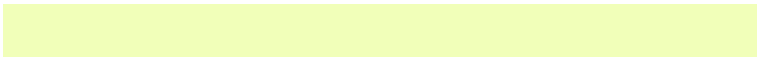
54.0640, 0.2743, 0.2515

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.



93.7236, 0.3158, 0.2786



93.7236, 0.3449, 0.4001



93.7236, 0.2509, 0.2679

Square

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



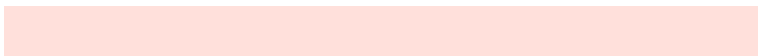
93.7236, 0.3449, 0.4001



93.7236, 0.2465, 0.3177



93.7236, 0.2779, 0.2660



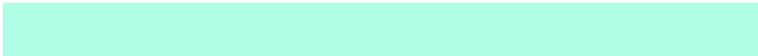
93.7236, 0.3835, 0.3337

Rectangle

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



93.7236, 0.3449, 0.4001



93.7236, 0.2810, 0.3683



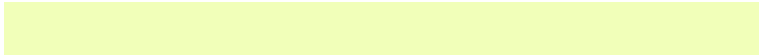
93.7236, 0.2779, 0.2660



93.7236, 0.3426, 0.2937

Sweetspot

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



93.7239, 0.3449, 0.4001



97.9894, 0.3220, 0.3489



65.6126, 0.3689, 0.3437



20.8965, 0.3238, 0.3527



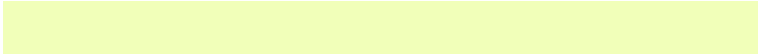
0.0000, 0.0000, 0.0000



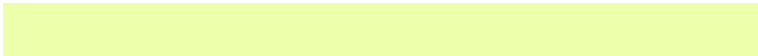
21.4041, 0.3127, 0.3290

Same Dimension

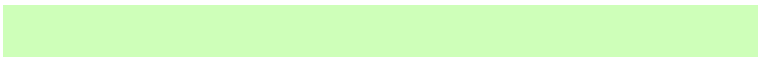
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7239, 0.3449, 0.4001



92.6609, 0.3512, 0.4150



88.1456, 0.3219, 0.4056



20.8965, 0.3238, 0.3527



44.1427, 0.3843, 0.5331



4.3424, 0.3885, 0.5297

Inverse Universe

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



54.0640, 0.2743, 0.2515



46.9401, 0.2648, 0.2335



59.4138, 0.2999, 0.2570



17.5526, 0.3010, 0.3046



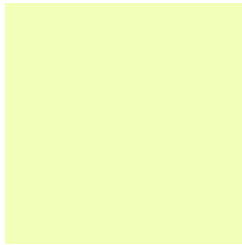
4.1895, 0.1597, 0.0653



0.4510, 0.1695, 0.0707

Previews

White Background



This preview shows how the Yxy color 93.7236, 0.3449, 0.4001 looks on a white background.

Color Contrast Check

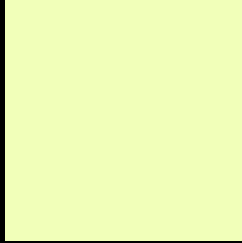
Large Text (above 18pt) WCAG AA × Fail

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 93.7236, 0.3449, 0.4001 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

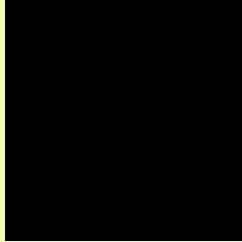
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.7236, 0.3449, 0.4001

Background



This preview shows how black text looks on a background with the Yxy color 93.7236, 0.3449, 0.4001.

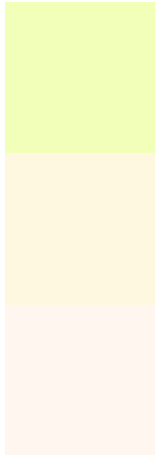


This preview shows how white text looks on a background with the Yxy color 93.7236, 0.3449, 0.4001.

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

93.7236, 0.3449, 0.4001

Protanopia

93.8310, 0.3312, 0.3515

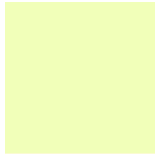
Deuteranopia

93.4628, 0.3222, 0.3348

Tritanopia

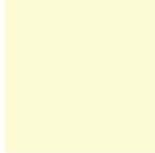
93.2713, 0.3093, 0.3203

Trichromacy



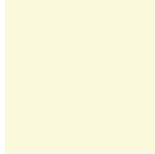
Original Color

93.7236, 0.3449, 0.4001



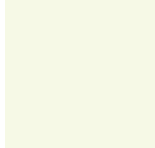
Protanomaly

93.9715, 0.3367, 0.3698



Deuteranomaly

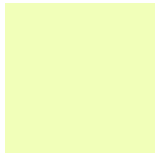
93.2427, 0.3308, 0.3578



Tritanomaly

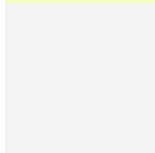
93.0574, 0.3221, 0.3479

Monochromacy



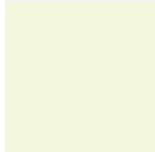
Original Color

93.7236, 0.3449, 0.4001



Achromatopsia

89.6269, 0.3127, 0.3290



Achromatomaly

90.6727, 0.3245, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7236, 0.3449, 0.4001 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(241, 255, 185)` looks like.

```
.text, #text, p{  
    color:rgb(241, 255, 185)  
}
```

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(241, 255, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 255, 185) }
```

Border

The CSS property to change the border of an element to Yxy 93.7236, 0.3449, 0.4001 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(241, 255, 185) }
```

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

```
.border{ border-color:rgb(241, 255, 185) }
```

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

Here you see how a box with a 4 pixel rgb(241, 255, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 255, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 255, 185);  
box-shadow:4px 4px 4px 4px rgb(241, 255,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7236, 0.3449, 0.4001 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 255, 185) }
```

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

```
.background{ background-color: rgb(241,  
255, 185) }
```

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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