

Converting Colors

$Y_{xy}(134.6993, 0.3399, 0.4525)$

Have a look what the booklet for
Yxy(134.6993, 0.3399, 0.4525)
contains.

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Color

Yxy(93.7093, 0.3515, 0.4089)

Conversions

Conversions Part 1

Format	Color
Hex	F3FFB0
RGB	243, 255, 176
RGB Percent	95%, 100%, 69%
CMY	0.0471, 0.0000, 0.3098
CMYK	0.05, 0.00, 0.31, 0.00
HSL	69°, 100%, 85%
HSV	69°, 31%, 100%
XYZ	80.5547, 93.7093, 54.9101
YIQ	242.4060, 18.2070, -27.1130

Conversions

Conversions Part 2

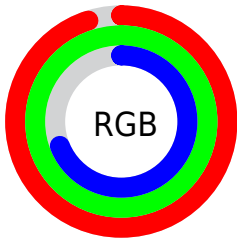
Format	Color
RYB	176, 255, 188
Decimal	15990704
CIELab	97.51, -16.11, 36.52
CIELCh	98, 39.918, 113.808
Yxy	93.7093, 0.3515, 0.4089
Android (android.graphics.Color)	4294180784 (0xFFFF3FFB0)
YUV	242.4060, -32.7382, 0.5209
Hunter-Lab	96.8036, -20.8682, 34.1313

Details

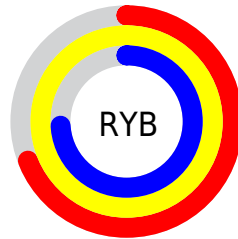
The Yxy color **93.7093, 0.3515, 0.4089** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **48.9586, 0.2656, 0.2394**, and the grayscale version is **89.3807, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **52.2573, 0.3585, 0.4256** is the 20% darker color. If you saturate the color by 10%, you get **92.1081, 0.3632, 0.4348**, and if you desaturate by 10%, it is **95.5098, 0.3391, 0.3825**.

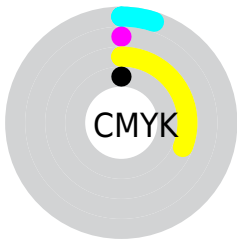
Distribution



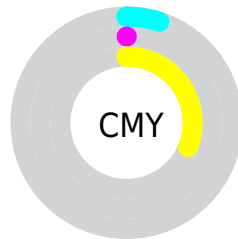
- Red (95%)
- Green (100%)
- Blue (69%)



- Red (69%)
- Yellow (100%)
- Blue (74%)



- Cyan (5%)
- Magenta (0%)
- Yellow (31%)
- Black (0%)




- Cyan (5%)
- Magenta (0%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 93.7093, 0.3515, 0.4089 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 93.7093, 0.3515, 0.4089 by changing the saturation by 10% instead.


 93.7093, 0.3515,
0.4089

 93.7093, 0.3515,
0.4089


540.0246, 0.3352,
0.3728

 71.0612, 0.3548,
0.4168


 152.4802, 0.3462,
0.3966

 52.3921, 0.3586,
0.4265


189.3719, 0.3440,
0.3918

 37.3177, 0.3632,
0.4384


231.7801, 0.3421,
0.3876

 25.4536, 0.3685,
0.4534

280.0894, 0.3404,
0.3839

 16.4153, 0.3747,
0.4729

334.6841, 0.3389,
0.3806

 9.8185, 0.3815,
0.4988

395.9486, 0.3375,

 5.2788, 0.3881,

0.3778

0.5346

464.2673, 0.3363,
0.3752

■ 2.4118, 0.4000,
0.6000

■ 0.8319, 0.3232,
0.6768

■ 93.7093, 0.3515,
0.4089

■ 93.7093, 0.3515,
0.4089

■ 92.1081, 0.3632,
0.4348

■ 95.5098, 0.3391,
0.3825

■ 90.7027, 0.3736,
0.4592

■ 97.5269, 0.3264,
0.3564

■ 89.4790, 0.3822,
0.4810

■ 99.7671, 0.3139,
0.3314

■ 88.4237, 0.3885,
0.4991

■ 100.0000, 0.3127,
0.3290

■ 87.5218, 0.3921,
0.5128

■ 86.7552, 0.3932,
0.5219

■ 86.1546, 0.3922,
0.5268

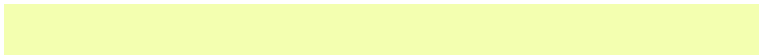
Harmonies

Analogous

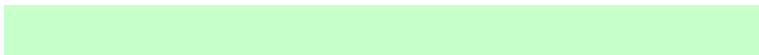
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.7093, 0.3861, 0.3956



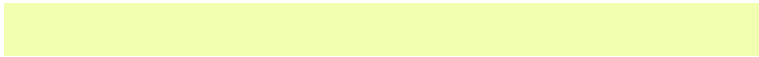
93.7093, 0.3515, 0.4089



93.7093, 0.3080, 0.3975

Triad

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



93.7093, 0.3515, 0.4089



93.7093, 0.2316, 0.2825



93.7093, 0.3571, 0.2973

Complementary

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



93.7093, 0.3515, 0.4089



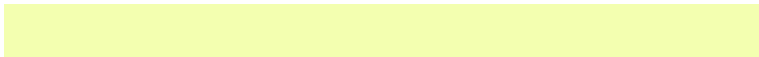
48.9586, 0.2656, 0.2394

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.



93.7093, 0.3125, 0.2716



93.7093, 0.3515, 0.4089



93.7093, 0.2423, 0.2618

Square

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



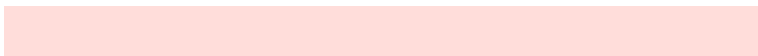
93.7093, 0.3515, 0.4089



93.7093, 0.2403, 0.3191



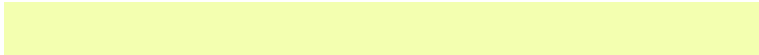
93.7093, 0.2709, 0.2586



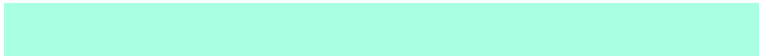
93.7093, 0.3905, 0.3310

Rectangle

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



93.7093, 0.3515, 0.4089



93.7093, 0.2800, 0.3763



93.7093, 0.2709, 0.2586



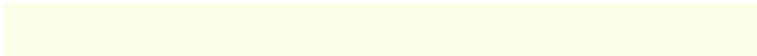
93.7093, 0.3428, 0.2876

Sweetspot

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



93.7069, 0.3515, 0.4089



97.9533, 0.3239, 0.3514



60.2932, 0.3798, 0.3416



20.8989, 0.3257, 0.3551



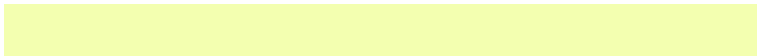
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

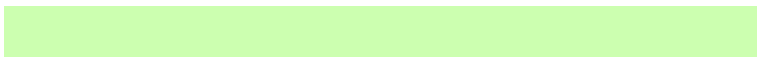
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.7069, 0.3515, 0.4089



92.7213, 0.3587, 0.4246



87.4413, 0.3254, 0.4160



20.9426, 0.3245, 0.3526



45.0705, 0.3927, 0.5264



4.4245, 0.3959, 0.5239

Inverse Universe

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



48.9586, 0.2656, 0.2394



41.7008, 0.2545, 0.2192



54.6543, 0.2948, 0.2465



17.5103, 0.3002, 0.3046



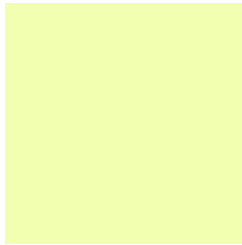
4.0349, 0.1561, 0.0634



0.4299, 0.1647, 0.0681

Previews

White Background



This preview shows how the Yxy color 93.7093, 0.3515, 0.4089 looks on a white background.

Color Contrast Check

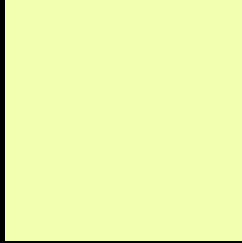
Large Text (above 18pt) WCAG AA × Fail

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 93.7093, 0.3515, 0.4089 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

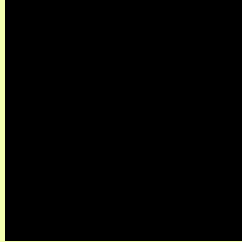
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.7093, 0.3515, 0.4089

Background



This preview shows how black text looks on a background with the Yxy color 93.7093, 0.3515, 0.4089.

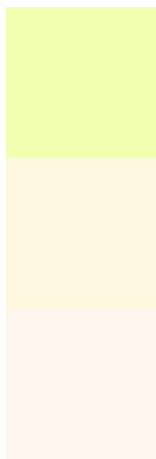


This preview shows how white text looks on a background with the Yxy color 93.7093, 0.3515, 0.4089.

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

93.7093, 0.3515, 0.4089

Protanopia

93.7766, 0.3318, 0.3525

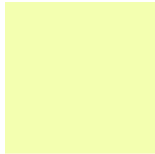
Deuteranopia

93.4035, 0.3228, 0.3358

Tritanopia

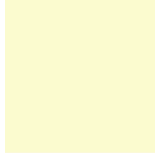
93.6408, 0.3106, 0.3203

Trichromacy



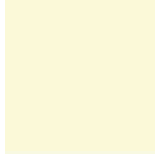
Original Color

93.7093, 0.3515, 0.4089



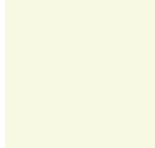
Protanomaly

94.0086, 0.3392, 0.3727



Deuteranomaly

93.2185, 0.3339, 0.3617



Tritanomaly

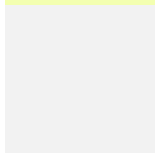
93.1988, 0.3258, 0.3518

Monochromacy



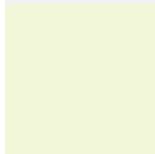
Original Color

93.7093, 0.3515, 0.4089



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.4607, 0.3270, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.7093, 0.3515, 0.4089 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(243, 255, 176)` looks like.

```
.text, #text, p{  
    color:rgb(243, 255, 176)  
}
```

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(243, 255, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 255, 176) }
```

Border

The CSS property to change the border of an element to Yxy 93.7093, 0.3515, 0.4089 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(243, 255, 176) }
```

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

```
.border{ border-color:rgb(243, 255, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 255, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 255, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 255, 176);  
box-shadow:4px 4px 4px 4px rgb(243, 255,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 93.7093, 0.3515, 0.4089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 255, 176) }
```

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

```
.background{ background-color: rgb(243,  
255, 176) }
```

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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