

Converting Colors

$Y_{xy}(100.0000, 0.3707, 0.4470)$

Have a look what the booklet for
Yxy(100.0000, 0.3707, 0.4470)
contains.

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Color

Yxy(93.6429, 0.3741, 0.4391)

Conversions

Conversions Part 1

Format	Color
Hex	F9FF8F
RGB	249, 255, 143
RGB Percent	98%, 100%, 56%
CMY	0.0235, 0.0000, 0.4394
CMYK	0.02, 0.00, 0.44, 0.00
HSL	63°, 100%, 78%
HSV	63°, 44%, 100%
XYZ	79.7809, 93.6429, 39.8372
YIQ	240.4380, 32.3760, -36.1040

Conversions

Conversions Part 2

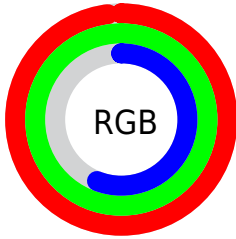
Format	Color
R_{YB}	143, 255, 149
Decimal	16383887
CIE Lab	97.49, -17.52, 52.62
CIE LCh	97, 55.463, 108.412
Yxy	93.6429, 0.3741, 0.4391
Android (android.graphics.Color)	4294573967 (0xFFFF9FF8F)
YUV	240.4380, -48.0369, 7.5089
Hunter-Lab	96.7693, -22.1828, 43.3305

Details

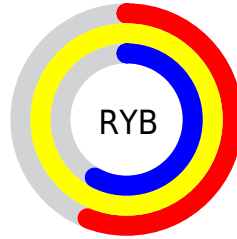
The Yxy color **93.6429, 0.3741, 0.4391** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **33.2368, 0.2335, 0.1928**, and the grayscale version is **87.8578, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8572, 0.3466, 0.3850**, and **52.2027, 0.3846, 0.4612** is the 20% darker color. If you saturate the color by 10%, you get **92.7039, 0.3859, 0.4611**, and if you desaturate by 10%, it is **94.7552, 0.3609, 0.4149**.

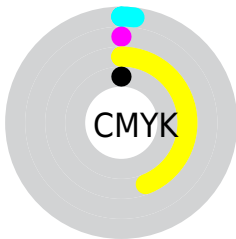
Distribution



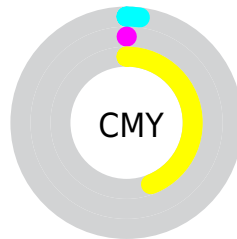
- Red (98%)
- Green (100%)
- Blue (56%)



- Red (56%)
- Yellow (100%)
- Blue (58%)



- Cyan (2%)
- Magenta (0%)
- Yellow (44%)
- Black (0%)





- Cyan (2%)
- Magenta (0%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 93.6429, 0.3741, 0.4391 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 93.6429, 0.3741, 0.4391 by changing the saturation by 10% instead.


 93.6429, 0.3741,
0.4391

 93.6429, 0.3741,
0.4391


539.8112, 0.3490,
0.3901

 71.0060, 0.3789,
0.4495

 152.3884, 0.3661,
0.4227

 52.3471, 0.3843,
0.4620


 189.2657, 0.3628,
0.4161

 37.2818, 0.3904,
0.4770


231.6587, 0.3599,
0.4104

 25.4257, 0.3969,
0.4953

279.9516, 0.3572,
0.4053

 16.3945, 0.4034,
0.5176

334.5289, 0.3549,
0.4009

 9.8038, 0.4085,
0.5448

395.7750, 0.3527,

 5.2690, 0.4146,

0.3969

0.5854

464.0743, 0.3508,
0.3933

■ 2.4060, 0.3920,
0.6080

■ 0.8290, 0.3029,
0.6971

■ 93.6429, 0.3741,
0.4391

■ 93.6429, 0.3741,
0.4391

■ 92.7039, 0.3859,
0.4611

■ 94.7552, 0.3609,
0.4149

■ 91.9324, 0.3956,
0.4799

■ 96.0579, 0.3468,
0.3895

■ 91.3127, 0.4029,
0.4946

■ 97.5590, 0.3324,
0.3638

■ 90.8290, 0.4075,
0.5049

■ 99.2678, 0.3182,
0.3386

■ 90.4622, 0.4095,
0.5108

100.0000, 0.3127,
0.3290

■ 90.2800, 0.4098,
0.5128

Harmonies

Analogous

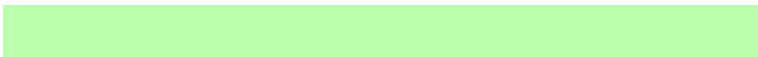
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



93.6429, 0.4190, 0.4120



93.6429, 0.3741, 0.4391



93.6429, 0.3152, 0.4327

Triad

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



93.6429, 0.3741, 0.4391



93.6429, 0.2037, 0.2710



93.6429, 0.3632, 0.2786

Complementary

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



93.6429, 0.3741, 0.4391



33.2368, 0.2335, 0.1928

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.



93.6429, 0.3004, 0.2475



93.6429, 0.3741, 0.4391



93.6429, 0.2133, 0.2405

Square

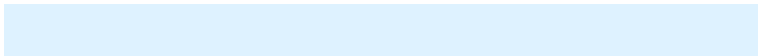
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



93.6429, 0.3741, 0.4391



93.6429, 0.2191, 0.3243



93.6429, 0.2467, 0.2336



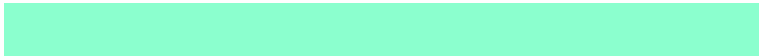
93.6429, 0.4148, 0.3212

Rectangle

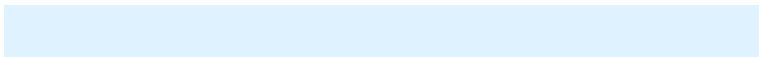
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



93.6429, 0.3741, 0.4391



93.6429, 0.2763, 0.4060



93.6429, 0.2467, 0.2336



93.6429, 0.3424, 0.2667

Sweetspot

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



93.6408, 0.3741, 0.4391



97.7105, 0.3311, 0.3614



44.5966, 0.4275, 0.3352



20.8385, 0.3343, 0.3670



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

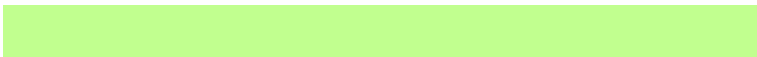
The Same Dimension uses a secret algorithm to generate beautiful new colors.



93.6408, 0.3741, 0.4391



92.7847, 0.3848, 0.4591



84.8886, 0.3363, 0.4546



21.0383, 0.3261, 0.3525



47.1948, 0.4100, 0.5127



4.6098, 0.4111, 0.5118

Inverse Universe

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



33.2368, 0.2335, 0.1928



25.1360, 0.2144, 0.1608



39.7706, 0.2754, 0.2069



17.4242, 0.2987, 0.3045



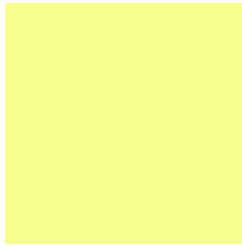
3.8387, 0.1516, 0.0609



0.3894, 0.1553, 0.0629

Previews

White Background



This preview shows how the Yxy color 93.6429, 0.3741, 0.4391 looks on a white background.

Color Contrast Check

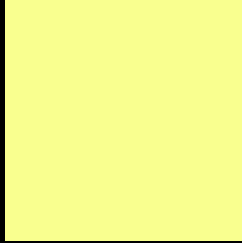
Large Text (above 18pt) WCAG AA × Fail

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 93.6429, 0.3741, 0.4391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

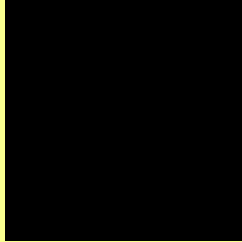
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 93.6429, 0.3741, 0.4391

Background



This preview shows how black text looks on a background with the Yxy color 93.6429, 0.3741, 0.4391.

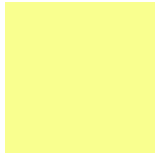


This preview shows how white text looks on a background with the Yxy color 93.6429, 0.3741, 0.4391.

Color Blindness Simulation

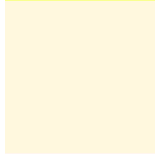
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



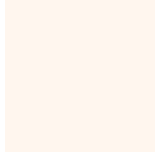
Original Color

93.6429, 0.3741, 0.4391



Protanopia

93.6687, 0.3330, 0.3545



Deuteranopia

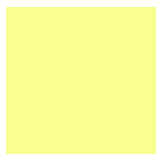
93.3446, 0.3234, 0.3368



Tritanopia

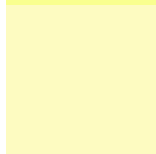
93.7206, 0.3138, 0.3204

Trichromacy



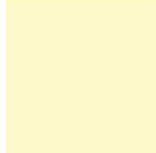
Original Color

93.6429, 0.3741, 0.4391



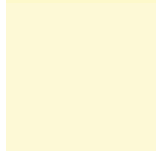
Protanomaly

93.7273, 0.3491, 0.3866



Deuteranomaly

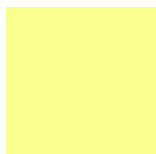
92.9458, 0.3433, 0.3747



Tritanomaly

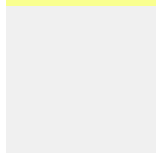
93.4890, 0.3365, 0.3636

Monochromacy



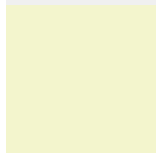
Original Color

93.6429, 0.3741, 0.4391



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.7673, 0.3359, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 93.6429, 0.3741, 0.4391 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(249, 255, 143)` looks like.

```
.text, #text, p{  
    color:rgb(249, 255, 143)  
}
```

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(249, 255, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 255, 143) }
```

Border

The CSS property to change the border of an element to Yxy 93.6429, 0.3741, 0.4391 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(249, 255, 143) }
```

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

```
.border{ border-color:rgb(249, 255, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 255, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 255, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 255, 143);  
box-shadow:4px 4px 4px 4px rgb(249, 255,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 93.6429, 0.3741, 0.4391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 255, 143) }
```

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

```
.background{ background-color: rgb(249,  
255, 143) }
```

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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