

Converting Colors

$Yxy(93.9897, 0.3835, 0.4491)$

Have a look what the booklet for
Yxy(93.9897, 0.3835, 0.4491)
contains.

Yxy(94.0144, 0.3836, 0.4491)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(94.0144, 0.3836, 0.4491)

Conversions

Conversions Part 1

Format	Color
Hex	FDFE82
RGB	253, 255, 130
RGB Percent	99%, 100%, 51%
CMY	0.0077, 0.0000, 0.4903
CMYK	0.01, 0.00, 0.49, 0.00
HSL	61°, 100%, 75%
HSV	61°, 49%, 100%
XYZ	80.3027, 94.0144, 35.0225
YIQ	240.1520, 38.9330, -39.2990

Conversions

Conversions Part 2

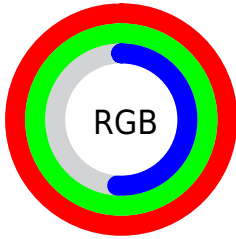
Format	Color
R _Y B	130, 255, 132
Decimal	16646018
CIE Lab	97.64, -17.14, 58.89
CIE LCh	98, 61.337, 106.225
Yxy	94.0144, 0.3836, 0.4491
Android (android.graphics.Color)	4294836098 (0xFFFDFF82)
YUV	240.1520, -54.3049, 11.2677
Hunter-Lab	96.9610, -21.8489, 46.4571

Details

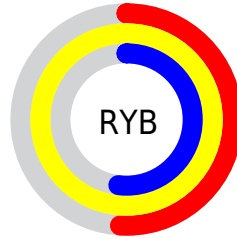
The Yxy color **94.0144, 0.3836, 0.4491** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **28.0793, 0.2197, 0.1736**, and the grayscale version is **87.6767, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2828, 0.3544, 0.3979**, and **52.3793, 0.3949, 0.4729** is the 20% darker color. If you saturate the color by 10%, you get **93.3410, 0.3951, 0.4688**, and if you desaturate by 10%, it is **94.8656, 0.3704, 0.4265**.

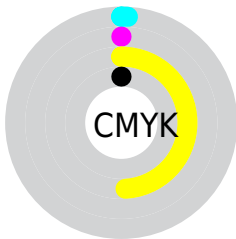
Distribution



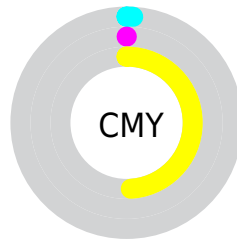
- Red (99%)
- Green (100%)
- Blue (51%)



- Red (51%)
- Yellow (100%)
- Blue (52%)



- Cyan (1%)
- Magenta (0%)
- Yellow (49%)
- Black (0%)





- Cyan (1%)
- Magenta (0%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0144, 0.3836, 0.4491 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 94.0144, 0.3836, 0.4491 by changing the saturation by 10% instead.

 94.0144, 0.3836,
0.4491


 94.0144, 0.3836,
0.4491


541.0049, 0.3550,
0.3963


 71.3149, 0.3889,
0.4601


 152.9023, 0.3746,
0.4315

 52.5992, 0.3948,
0.4731


 189.8594, 0.3709,
0.4245

 37.4829, 0.4013,
0.4886


 232.3380, 0.3675,
0.4183

 25.5816, 0.4080,
0.5070

280.7223, 0.3645,
0.4128

 16.5109, 0.4141,
0.5287

335.3967, 0.3618,
0.4080

 9.8864, 0.4198,
0.5565


396.7457, 0.3593,


 5.3237, 0.4164,


0.4037

0.5836


465.1536, 0.3570,
0.3998


 2.4384, 0.3946,
0.6054

 0.8456, 0.3130,
0.6870


 94.0144, 0.3836,
0.4491


 94.0144, 0.3836,
0.4491


 93.3410, 0.3951,
0.4688


 94.8656, 0.3704,
0.4265


 92.8207, 0.4043,
0.4848

 95.8940, 0.3560,
0.4020

 92.4428, 0.4109,
0.4965

 97.1142, 0.3410,
0.3767

 92.1901, 0.4148,
0.5038

 98.5358, 0.3260,
0.3513

■ 92.0369, 0.4164,
0.5072

100.0000, 0.3127,
0.3290

■ 92.0242, 0.4165,
0.5075

Harmonies

Analogous

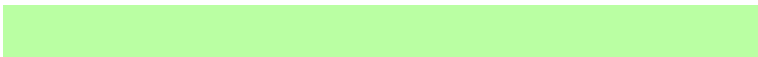
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0144, 0.4316, 0.4158



94.0144, 0.3836, 0.4491



94.0144, 0.3195, 0.4467

Triad

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



94.0144, 0.3836, 0.4491



94.0144, 0.1941, 0.2680



94.0144, 0.3633, 0.2709

Complementary

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



94.0144, 0.3836, 0.4491



28.0793, 0.2197, 0.1736

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.



94.0144, 0.2939, 0.2385



94.0144, 0.3836, 0.4491



94.0144, 0.2027, 0.2335

Square

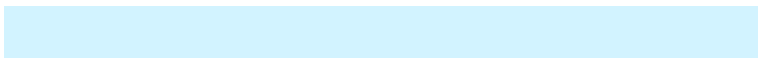
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.0144, 0.3836, 0.4491



94.0144, 0.2124, 0.3281



94.0144, 0.2368, 0.2248



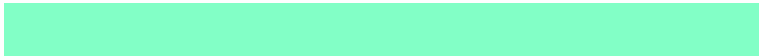
94.0144, 0.4224, 0.3161

Rectangle

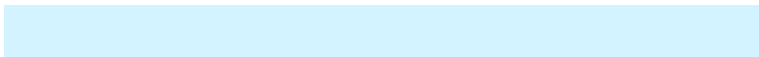
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.0144, 0.3836, 0.4491



94.0144, 0.2765, 0.4191



94.0144, 0.2368, 0.2248



94.0144, 0.3400, 0.2583

Sweetspot

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



94.0184, 0.3836, 0.4491



97.6624, 0.3349, 0.3664



38.8290, 0.4517, 0.3294



20.8415, 0.3381, 0.3718



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.



94.0184, 0.3836, 0.4491



93.3429, 0.3950, 0.4688



84.4011, 0.3421, 0.4684



21.0753, 0.3267, 0.3525



48.0913, 0.4166, 0.5074



4.6870, 0.4169, 0.5072

Inverse Universe

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



28.0793, 0.2197, 0.1736



20.3529, 0.1988, 0.1390



34.4481, 0.2645, 0.1902



17.3914, 0.2981, 0.3044



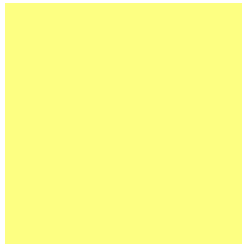
3.7921, 0.1505, 0.0603



0.3738, 0.1516, 0.0609

Previews

White Background



This preview shows how the Yxy color 94.0144, 0.3836, 0.4491 looks on a white background.

Color Contrast Check

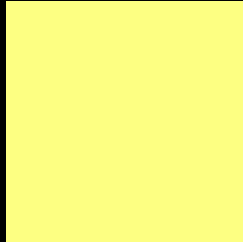
Large Text (above 18pt) WCAG AA × Fail

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 94.0144, 0.3836, 0.4491 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 94.0144, 0.3836, 0.4491

Background



This preview shows how black text looks on a background with the Yxy color 94.0144, 0.3836, 0.4491.



This preview shows how white text looks on a background with the Yxy color 94.0144, 0.3836, 0.4491.

Color Blindness Simulation

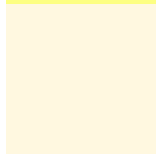
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



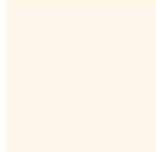
Original Color

94.0144, 0.3836, 0.4491



Protanopia

93.7766, 0.3318, 0.3525



Deuteranopia

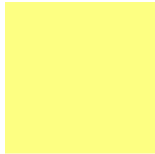
93.9546, 0.3233, 0.3378



Tritanopia

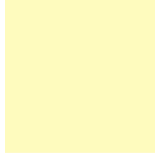
93.5931, 0.3150, 0.3223

Trichromacy



Original Color

94.0144, 0.3836, 0.4491



Protanomaly

93.7829, 0.3516, 0.3895



Deuteranomaly

93.5656, 0.3463, 0.3795



Tritanomaly

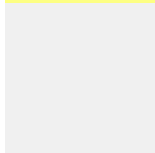
93.3763, 0.3409, 0.3696

Monochromacy



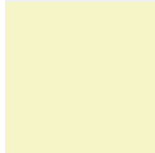
Original Color

94.0144, 0.3836, 0.4491



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.8874, 0.3404, 0.3748

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0144, 0.3836, 0.4491 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(253, 255, 130)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 130)  
}
```

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(253, 255, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 130) }
```

Border

The CSS property to change the border of an element to Yxy 94.0144, 0.3836, 0.4491 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(253, 255, 130) }
```

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

```
.border{ border-color:rgb(253, 255, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 255, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 130);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0144, 0.3836, 0.4491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 255, 130) }
```

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

```
.background{ background-color: rgb(253,  
255, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor