

Converting Colors

$Y_{xy}(100.0000, 0.4100, 0.4327)$

Have a look what the booklet for
Yxy(100.0000, 0.4100, 0.4327)
contains.

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Color

Yxy(92.5743, 0.3847, 0.4436)

Conversions

Conversions Part 1

Format	Color
Hex	FFFC85
RGB	255, 252, 133
RGB Percent	100%, 99%, 52%
CMY	0.0000, 0.0117, 0.4784
CMYK	0.00, 0.01, 0.48, 0.00
HSL	59°, 100%, 76%
HSV	59°, 48%, 100%
XYZ	80.2825, 92.5743, 35.8318
YIQ	239.3310, 39.9870, -36.3730

Conversions

Conversions Part 2

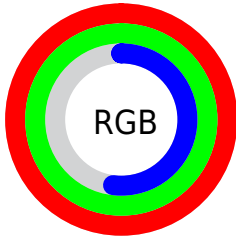
Format	Color
RYB	136, 255, 133
Decimal	16776325
CIELab	97.05, -14.66, 56.84
CIElCh	97, 58.702, 104.466
Yxy	92.5743, 0.3847, 0.4436
Android (android.graphics.Color)	4294966405 (0xFFFFFC85)
YUV	239.3310, -52.4212, 13.7417
Hunter-Lab	96.2155, -19.4363, 45.2706

Details

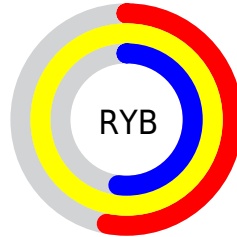
The Yxy color **92.5743, 0.3847, 0.4436** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **29.8150, 0.2217, 0.1809**, and the grayscale version is **86.9839, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **51.7801, 0.3965, 0.4674** is the 20% darker color. If you saturate the color by 10%, you get **91.5661, 0.3973, 0.4632**, and if you desaturate by 10%, it is **93.7634, 0.3705, 0.4213**.

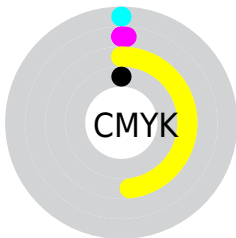
Distribution



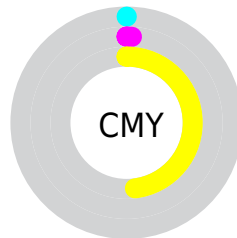
- Red (100%)
- Green (99%)
- Blue (52%)



- Red (53%)
- Yellow (100%)
- Blue (52%)



- Cyan (0%)
- Magenta (1%)
- Yellow (48%)
- Black (0%)





- Cyan (0%)
- Magenta (1%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.5743, 0.3847, 0.4436 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 92.5743, 0.3847, 0.4436 by changing the saturation by 10% instead.

 92.5743, 0.3847,
0.4436

 92.5743, 0.3847,
0.4436


536.3699, 0.3552,
0.3932


 70.1177, 0.3903,
0.4541


 150.9091, 0.3754,
0.4268

 51.6225, 0.3966,
0.4666


 187.5561, 0.3715,
0.4201

 36.7043, 0.4036,
0.4814

 229.7021, 0.3680,
0.4142

 24.9786, 0.4111,
0.4991

277.7314, 0.3649,
0.4090

 16.0611, 0.4185,
0.5200

332.0284, 0.3621,
0.4044

 9.5674, 0.4256,
0.5463

392.9776, 0.3596,

 5.1131, 0.4261,

0.4002

460.9633, 0.3573,
0.3965

0.5739

■ 2.3138, 0.4069,
0.5931

■ 0.7810, 0.3298,
0.6702

■ 92.5743, 0.3847,
0.4436

■ 92.5743, 0.3847,
0.4436

■ 91.5661, 0.3973,
0.4632

■ 93.7634, 0.3705,
0.4213

■ 90.7133, 0.4077,
0.4791

■ 95.1319, 0.3554,
0.3973

■ 90.0060, 0.4155,
0.4909

■ 96.6945, 0.3398,
0.3725

■ 89.4272, 0.4207,
0.4981

■ 98.4606, 0.3244,
0.3478

■ 88.9543, 0.4233,
0.5013

99.9984, 0.3127,
0.3290

■ 88.8588, 0.4237,
0.5018

Harmonies

Analogous

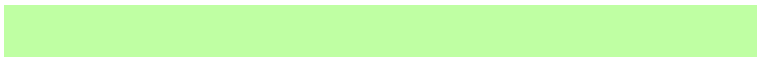
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.5743, 0.4294, 0.4107



92.5743, 0.3847, 0.4436



92.5743, 0.3233, 0.4432

Triad

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



92.5743, 0.3847, 0.4436



92.5743, 0.1983, 0.2733



92.5743, 0.3576, 0.2706

Complementary

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



92.5743, 0.3847, 0.4436



29.8150, 0.2217, 0.1809

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.



92.5743, 0.2910, 0.2401



92.5743, 0.3847, 0.4436



92.5743, 0.2051, 0.2381

Square

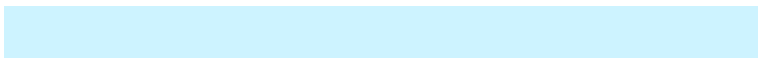
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.5743, 0.3847, 0.4436



92.5743, 0.2178, 0.3324



92.5743, 0.2369, 0.2280



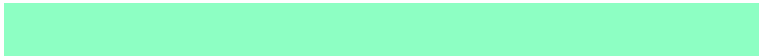
92.5743, 0.4156, 0.3140

Rectangle

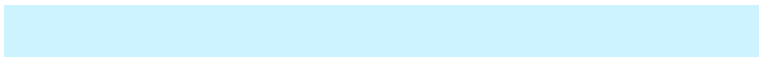
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.5743, 0.3847, 0.4436



92.5743, 0.2815, 0.4183



92.5743, 0.2369, 0.2280



92.5743, 0.3351, 0.2587

Sweetspot

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



92.5786, 0.3847, 0.4436



97.3545, 0.3339, 0.3630



39.8461, 0.4419, 0.3252



20.7585, 0.3372, 0.3683



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

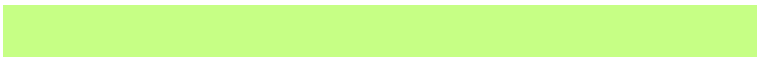
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.5786, 0.3847, 0.4436



91.6511, 0.3963, 0.4617



85.2238, 0.3443, 0.4636



21.0100, 0.3270, 0.3519



46.4685, 0.4236, 0.5018



4.5477, 0.4231, 0.5022

Inverse Universe

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



29.8150, 0.2217, 0.1809



22.3686, 0.2024, 0.1491



34.9378, 0.2627, 0.1926



17.4489, 0.2978, 0.3050



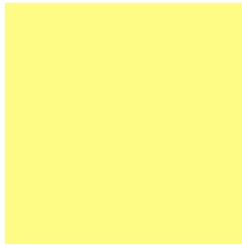
3.8741, 0.1504, 0.0615



0.4012, 0.1514, 0.0649

Previews

White Background



This preview shows how the Yxy color 92.5743, 0.3847, 0.4436 looks on a white background.

Color Contrast Check

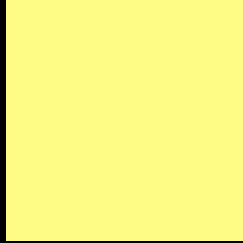
Large Text (above 18pt) WCAG AA × Fail

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 92.5743, 0.3847, 0.4436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

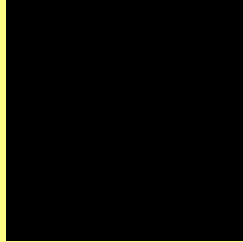
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.5743, 0.3847, 0.4436

Background



This preview shows how black text looks on a background with the Yxy color 92.5743, 0.3847, 0.4436.

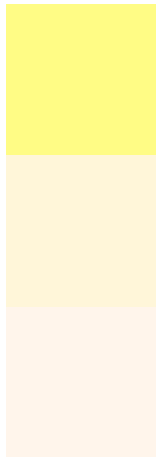


This preview shows how white text looks on a background with the Yxy color 92.5743, 0.3847, 0.4436.

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

92.5743, 0.3847, 0.4436

Protanopia

92.1813, 0.3364, 0.3576

Deuteranopia

92.5630, 0.3253, 0.3388



Tritanopia

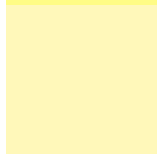
92.2633, 0.3163, 0.3223

Trichromacy



Original Color

92.5743, 0.3847, 0.4436



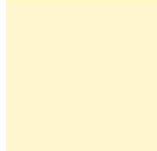
Protanomaly

91.9400, 0.3554, 0.3906



Deuteranomaly

92.4720, 0.3480, 0.3786



Tritanomaly

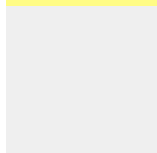
91.6765, 0.3427, 0.3677

Monochromacy



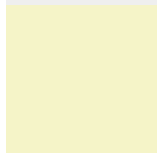
Original Color

92.5743, 0.3847, 0.4436



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.2840, 0.3406, 0.3738

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.5743, 0.3847, 0.4436 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, 252, 133)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 133)  
}
```

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, 252, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 133) }
```

Border

The CSS property to change the border of an element to Yxy 92.5743, 0.3847, 0.4436 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, 252, 133) }
```

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

```
.border{ border-color:rgb(255, 252, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 252, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 133);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 92.5743, 0.3847, 0.4436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 252, 133) }
```

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

```
.background{ background-color: rgb(255,  
252, 133) }
```

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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