

Converting Colors

$Yxy(94.0673, 0.3822, 0.4469)$

Have a look what the booklet for
Yxy(94.0673, 0.3822, 0.4469)
contains.

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Color

Yxy(94.0961, 0.3821, 0.4466)

Conversions

Conversions Part 1

Format	Color
Hex	FDFE85
RGB	253, 255, 133
RGB Percent	99%, 100%, 52%
CMY	0.0077, 0.0000, 0.4786
CMYK	0.01, 0.00, 0.48, 0.00
HSL	61°, 100%, 76%
HSV	61°, 48%, 100%
XYZ	80.5063, 94.0961, 36.0919
YIQ	240.4940, 37.9700, -38.3660

Conversions

Conversions Part 2

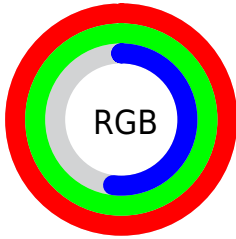
Format	Color
R _Y B	133, 255, 135
Decimal	16646021
CIE Lab	97.67, -16.88, 57.57
CIE LCh	98, 59.994, 106.342
Yxy	94.0961, 0.3821, 0.4466
Android (android.graphics.Color)	4294836101 (0xFFFDFF85)
YUV	240.4940, -52.9945, 10.9678
Hunter-Lab	97.0031, -21.6121, 45.8422

Details

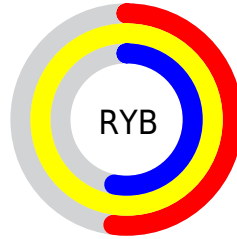
The Yxy color **94.0961, 0.3821, 0.4466** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **29.1276, 0.2222, 0.1778**, and the grayscale version is **87.9483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **52.4220, 0.3934, 0.4702** is the 20% darker color. If you saturate the color by 10%, you get **93.4015, 0.3938, 0.4667**, and if you desaturate by 10%, it is **94.9695, 0.3687, 0.4237**.

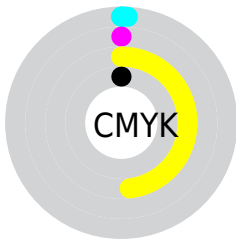
Distribution



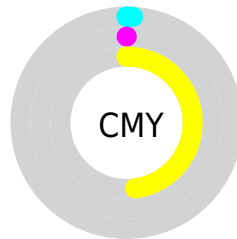
- Red (99%)
- Green (100%)
- Blue (52%)



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



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





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

Brightness & Saturation Gradients

These gradients show how the Yxy color 94.0961, 0.3821, 0.4466 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 94.0961, 0.3821, 0.4466 by changing the saturation by 10% instead.

 94.0961, 0.3821,
0.4466


 94.0961, 0.3821,
0.4466


541.2672, 0.3540,
0.3948

 71.3829, 0.3874,
0.4575


 153.0152, 0.3733,
0.4294

 52.6547, 0.3932,
0.4703


 189.9900, 0.3696,
0.4224

 37.5272, 0.3997,
0.4856


 232.4873, 0.3662,
0.4164

 25.6159, 0.4065,
0.5038

280.8917, 0.3633,
0.4110

 16.5365, 0.4129,
0.5256

335.5874, 0.3606,
0.4063

 9.9046, 0.4185,
0.5527

396.9590, 0.3582,

 5.3358, 0.4176,

0.4020

0.5824

465.3908, 0.3560,
0.3982

■ 2.4456, 0.3961,
0.6039

■ 0.8492, 0.3175,
0.6825

■ 94.0961, 0.3821,
0.4466

■ 94.0961, 0.3821,
0.4466

■ 93.4015, 0.3938,
0.4667

■ 94.9695, 0.3687,
0.4237

■ 92.8618, 0.4033,
0.4832

■ 96.0216, 0.3542,
0.3991

■ 92.4663, 0.4102,
0.4954

■ 97.2666, 0.3392,
0.3737

■ 92.1982, 0.4144,
0.5032

■ 98.7141, 0.3242,
0.3484

■ 92.0348, 0.4162,
0.5070

100.0000, 0.3127,
0.3290

■ 92.0065, 0.4165,
0.5075

Harmonies

Analogous

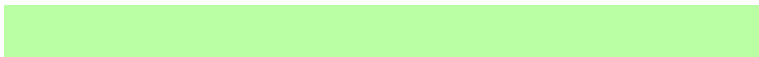
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0961, 0.4291, 0.4144



94.0961, 0.3821, 0.4466



94.0961, 0.3193, 0.4437

Triad

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



94.0961, 0.3821, 0.4466



94.0961, 0.1964, 0.2693



94.0961, 0.3625, 0.2722

Complementary

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



94.0961, 0.3821, 0.4466



29.1276, 0.2222, 0.1778

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.



94.0961, 0.2946, 0.2403



94.0961, 0.3821, 0.4466



94.0961, 0.2049, 0.2354

Square

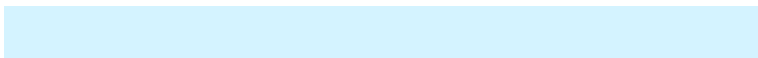
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.0961, 0.3821, 0.4466



94.0961, 0.2143, 0.3280



94.0961, 0.2386, 0.2268



94.0961, 0.4201, 0.3167

Rectangle

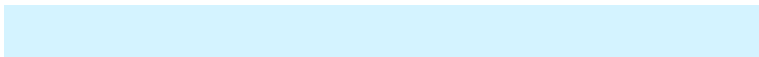
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.0961, 0.3821, 0.4466



94.0961, 0.2772, 0.4167



94.0961, 0.2386, 0.2268



94.0961, 0.3397, 0.2598

Sweetspot

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



94.0999, 0.3821, 0.4466



97.8010, 0.3334, 0.3639



39.7149, 0.4467, 0.3294



20.8687, 0.3366, 0.3693



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

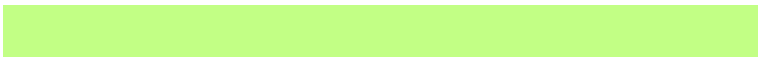
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0999, 0.3821, 0.4466



93.4552, 0.3929, 0.4651



84.6786, 0.3417, 0.4649



21.0749, 0.3267, 0.3525



48.0822, 0.4165, 0.5075



4.6862, 0.4169, 0.5072

Inverse Universe

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



29.1276, 0.2222, 0.1778



21.7412, 0.2029, 0.1457



35.4490, 0.2660, 0.1937



17.3918, 0.2981, 0.3044



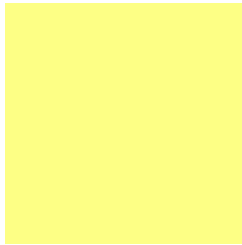
3.7926, 0.1505, 0.0603



0.3740, 0.1516, 0.0609

Previews

White Background



This preview shows how the Yxy color 94.0961, 0.3821, 0.4466 looks on a white background.

Color Contrast Check

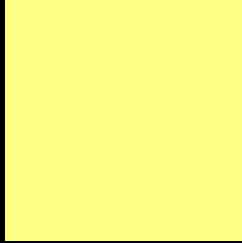
Large Text (above 18pt) WCAG AA × Fail

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 94.0961, 0.3821, 0.4466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

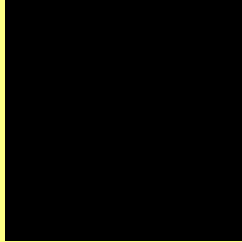
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.0961, 0.3821, 0.4466

Background



This preview shows how black text looks on a background with the Yxy color 94.0961, 0.3821, 0.4466.



This preview shows how white text looks on a background with the Yxy color 94.0961, 0.3821, 0.4466.

Color Blindness Simulation

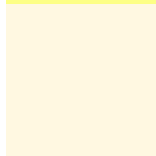
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



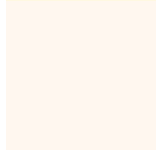
Original Color

94.0961, 0.3821, 0.4466



Protanopia

93.8310, 0.3312, 0.3515



Deuteranopia

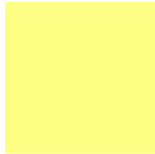
94.0135, 0.3227, 0.3368



Tritanopia

94.1998, 0.3149, 0.3233

Trichromacy



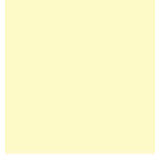
Original Color

94.0961, 0.3821, 0.4466



Protanomaly

93.8710, 0.3504, 0.3875



Deuteranomaly

93.6122, 0.3457, 0.3785



Tritanomaly

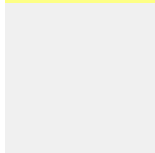
93.4256, 0.3403, 0.3686

Monochromacy



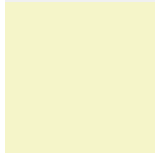
Original Color

94.0961, 0.3821, 0.4466



Achromatopsia

87.1367, 0.3127, 0.3290



Achromatomaly

88.9343, 0.3398, 0.3738

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0961, 0.3821, 0.4466 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, 133)` looks like.

```
.text, #text, p{  
    color:rgb(253, 255, 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(253, 255, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 255, 133) }
```

Border

The CSS property to change the border of an element to Yxy 94.0961, 0.3821, 0.4466 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, 133) }
```

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

```
.border{ border-color:rgb(253, 255, 133) }
```

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, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 255, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 255, 133);  
box-shadow:4px 4px 4px 4px rgb(253, 255,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0961, 0.3821, 0.4466 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, 133) }
```

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

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