

Converting Colors

$Yxy(93.8833, 0.3802, 0.4387)$

Have a look what the booklet for
Yxy(93.8833, 0.3802, 0.4387)
contains.

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Color

Yxy(94.0371, 0.3802, 0.4392)

Conversions

Conversions Part 1

Format	Color
Hex	FFFE8C
RGB	255, 254, 140
RGB Percent	100%, 100%, 55%
CMY	0.0001, 0.0038, 0.4510
CMYK	0.00, 0.00, 0.45, 0.00
HSL	60°, 100%, 77%
HSV	60°, 45%, 100%
XYZ	81.4046, 94.0371, 38.6683
YIQ	241.3030, 37.1900, -35.2420

Conversions

Conversions Part 2

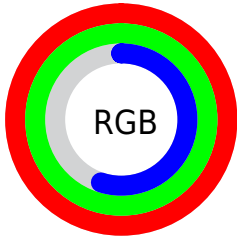
Format	Color
R _Y B	141, 255, 140
Decimal	16776844
CIE Lab	97.65, -15.03, 54.31
CIE LCh	98, 56.351, 105.464
Yxy	94.0371, 0.3802, 0.4392
Android (android.graphics.Color)	4294966924 (0xFFFFFE8C)
YUV	241.3030, -49.9424, 12.0123
Hunter-Lab	96.9727, -19.8589, 44.2388

Details

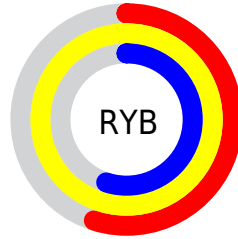
The Yxy color **94.0371, 0.3802, 0.4392** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **31.8241, 0.2272, 0.1884**, and the grayscale version is **88.5918, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7201, 0.3484, 0.3880**, and **52.3564, 0.3913, 0.4609** is the 20% darker color. If you saturate the color by 10%, you get **93.2417, 0.3929, 0.4598**, and if you desaturate by 10%, it is **95.0155, 0.3660, 0.4161**.

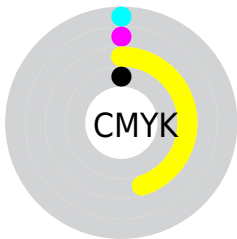
Distribution



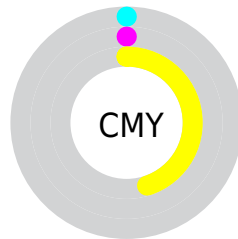
- Red (100%)
- Green (100%)
- Blue (55%)



- Red (55%)
- Yellow (100%)
- Blue (55%)



- Cyan (0%)
- Magenta (0%)
- Yellow (45%)
- Black (0%)





- Cyan (0%)
- Magenta (0%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0371, 0.3802, 0.4392 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 94.0371, 0.3802, 0.4392 by changing the saturation by 10% instead.


 94.0371, 0.3802,
0.4392

 94.0371, 0.3802,
0.4392


541.0777, 0.3525,
0.3906

 71.3338, 0.3855,
0.4494


 152.9336, 0.3714,
0.4230

 52.6147, 0.3915,
0.4616


 189.8957, 0.3677,
0.4165

 37.4952, 0.3983,
0.4761


232.3795, 0.3645,
0.4108

 25.5912, 0.4057,
0.4936

280.7693, 0.3616,
0.4058

 16.5180, 0.4131,
0.5147

335.4497, 0.3589,
0.4013

 9.8915, 0.4196,
0.5400

396.8050, 0.3566,

 5.3271, 0.4254,

0.3974

465.2195, 0.3545,
0.3938

0.5746

■ 2.4404, 0.4064,
0.5936

■ 0.8466, 0.3409,
0.6591

■ 94.0371, 0.3802,
0.4392

■ 94.0371, 0.3802,
0.4392

■ 93.2417, 0.3929,
0.4598

■ 95.0155, 0.3660,
0.4161

■ 92.6041, 0.4035,
0.4770

■ 96.1750, 0.3509,
0.3915

■ 92.1149, 0.4117,
0.4900

■ 97.5301, 0.3355,
0.3663

■ 91.7581, 0.4171,
0.4986

■ 99.0901, 0.3203,
0.3414

■ 91.5137, 0.4200,
0.5030

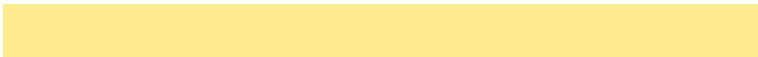
99.9928, 0.3127,
0.3290

■ 91.4211, 0.4208,
0.5041

Harmonies

Analogous

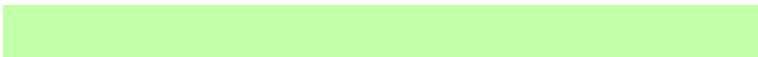
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0371, 0.4235, 0.4091



94.0371, 0.3802, 0.4392



94.0371, 0.3212, 0.4368

Triad

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



94.0371, 0.3802, 0.4392



94.0371, 0.2027, 0.2745



94.0371, 0.3578, 0.2742

Complementary

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



94.0371, 0.3802, 0.4392



31.8241, 0.2272, 0.1884

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.



94.0371, 0.2941, 0.2443



94.0371, 0.3802, 0.4392



94.0371, 0.2100, 0.2412

Square

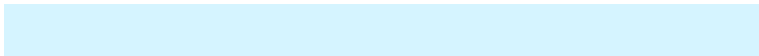
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.0371, 0.3802, 0.4392



94.0371, 0.2207, 0.3303



94.0371, 0.2415, 0.2321



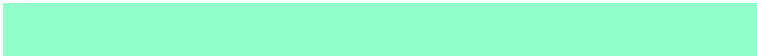
94.0371, 0.4123, 0.3165

Rectangle

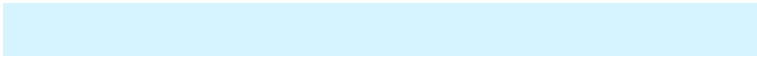
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.0371, 0.3802, 0.4392



94.0371, 0.2812, 0.4123



94.0371, 0.2415, 0.2321



94.0371, 0.3364, 0.2626

Sweetspot

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



94.0414, 0.3802, 0.4392



97.7235, 0.3338, 0.3635



41.9578, 0.4329, 0.3274



20.8496, 0.3371, 0.3690



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

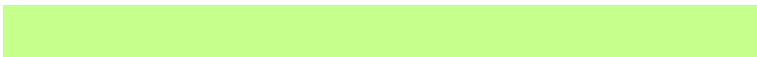
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0414, 0.3802, 0.4392



93.3526, 0.3916, 0.4577



85.5851, 0.3418, 0.4560



21.0636, 0.3269, 0.3523



47.7975, 0.4208, 0.5041



4.6618, 0.4206, 0.5043

Inverse Universe

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



31.8241, 0.2272, 0.1884



24.0811, 0.2080, 0.1568



37.6494, 0.2679, 0.2014



17.4016, 0.2978, 0.3046



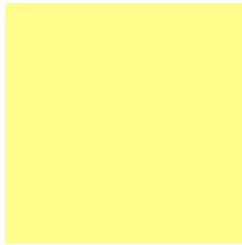
3.8067, 0.1502, 0.0605



0.3787, 0.1505, 0.0617

Previews

White Background



This preview shows how the Yxy color 94.0371, 0.3802, 0.4392 looks on a white background.

Color Contrast Check

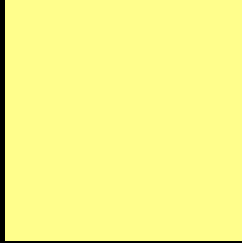
Large Text (above 18pt) WCAG AA × Fail

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 94.0371, 0.3802, 0.4392 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

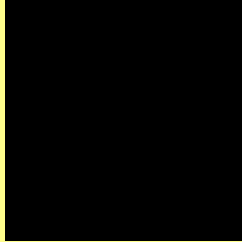
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.0371, 0.3802, 0.4392

Background



This preview shows how black text looks on a background with the Yxy color 94.0371, 0.3802, 0.4392.



This preview shows how white text looks on a background with the Yxy color 94.0371, 0.3802, 0.4392.

Color Blindness Simulation

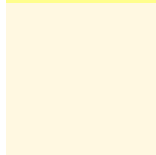
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



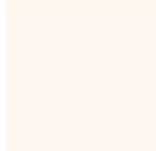
Original Color

94.0371, 0.3802, 0.4392



Protanopia

93.8310, 0.3312, 0.3515



Deuteranopia

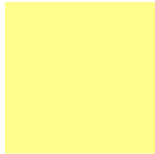
94.0135, 0.3227, 0.3368



Tritanopia

94.1998, 0.3149, 0.3233

Trichromacy



Original Color

94.0371, 0.3802, 0.4392



Protanomaly

93.5263, 0.3500, 0.3844



Deuteranomaly

93.9430, 0.3445, 0.3754



Tritanomaly

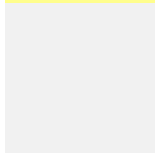
93.7145, 0.3397, 0.3665

Monochromacy



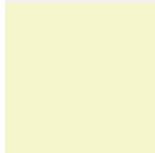
Original Color

94.0371, 0.3802, 0.4392



Achromatopsia

87.9622, 0.3127, 0.3290



Achromatomaly

89.8640, 0.3384, 0.3715

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0371, 0.3802, 0.4392 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, 254, 140)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 140)  
}
```

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, 254, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 140) }
```

Border

The CSS property to change the border of an element to Yxy 94.0371, 0.3802, 0.4392 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, 254, 140) }
```

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

```
.border{ border-color:rgb(255, 254, 140) }
```

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

Here you see how a box with a 4 pixel rgb(255, 254, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 140);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0371, 0.3802, 0.4392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 254, 140) }
```

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

```
.background{ background-color: rgb(255,  
254, 140) }
```

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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