

Converting Colors

$Y_{xy}(102.1971, 0.4070, 0.4262)$

Have a look what the booklet for
Yxy(102.1971, 0.4070, 0.4262)
contains.

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Color

Yxy(94.0966, 0.3792, 0.4374)

Conversions

Conversions Part 1

Format	Color
Hex	FFFE8E
RGB	255, 254, 142
RGB Percent	100%, 100%, 56%
CMY	0.0000, 0.0039, 0.4431
CMYK	0.00, 0.00, 0.44, 0.00
HSL	59°, 100%, 78%
HSV	59°, 44%, 100%
XYZ	81.5762, 94.0966, 39.4543
YIQ	241.5310, 36.5480, -34.6200

Conversions

Conversions Part 2

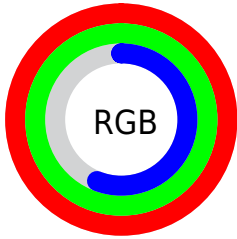
Format	Color
R _Y B	143, 255, 142
Decimal	16776846
CIE Lab	97.67, -14.80, 53.40
CIE LCh	98, 55.411, 105.486
Yxy	94.0966, 0.3792, 0.4374
Android (android.graphics.Color)	4294966926 (0xFFFFFE8E)
YUV	241.5310, -49.0688, 11.8123
Hunter-Lab	97.0034, -19.6442, 43.7873

Details

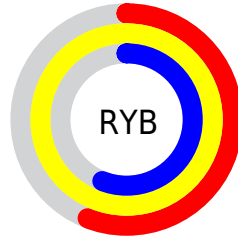
The Yxy color **94.0966, 0.3792, 0.4374** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **32.6190, 0.2289, 0.1913**, and the grayscale version is **88.7729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8112, 0.3472, 0.3860**, and **52.3895, 0.3902, 0.4590** is the 20% darker color. If you saturate the color by 10%, you get **93.2682, 0.3920, 0.4582**, and if you desaturate by 10%, it is **95.0925, 0.3649, 0.4141**.

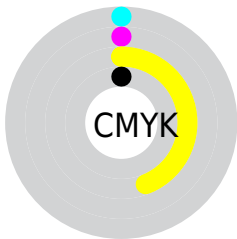
Distribution



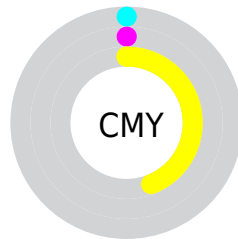
- Red (100%)
- Green (100%)
- Blue (56%)



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



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



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

Brightness & Saturation Gradients


These gradients show how the Yxy color 94.0966, 0.3792, 0.4374 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 94.0966, 0.3792, 0.4374 by changing the saturation by 10% instead.


 94.0966, 0.3792,
0.4374


 94.0966, 0.3792,
0.4374


541.2688, 0.3519,
0.3896

 71.3833, 0.3845,
0.4475


 153.0159, 0.3705,
0.4214

 52.6551, 0.3905,
0.4595


 189.9908, 0.3669,
0.4150

 37.5275, 0.3972,
0.4739


232.4882, 0.3636,
0.4094

 25.6162, 0.4046,
0.4912

280.8927, 0.3608,
0.4045

 16.5367, 0.4123,
0.5122

335.5886, 0.3582,
0.4001

 9.9047, 0.4189,
0.5373

396.9603, 0.3559,

 5.3358, 0.4264,

0.3962

0.5736

465.3922, 0.3538,
0.3927

■ 2.4456, 0.4077,
0.5923

■ 0.8492, 0.3443,
0.6557

■ 94.0966, 0.3792,
0.4374

■ 94.0966, 0.3792,
0.4374

■ 93.2682, 0.3920,
0.4582

■ 95.0925, 0.3649,
0.4141

■ 92.6070, 0.4029,
0.4757

■ 96.2786, 0.3497,
0.3895

■ 92.0955, 0.4112,
0.4891

■ 97.6612, 0.3343,
0.3643

■ 91.7176, 0.4169,
0.4980

■ 99.2494, 0.3191,
0.3395

■ 91.4541, 0.4200,
0.5027

100.0000, 0.3127,
0.3290

■ 91.3395, 0.4209,
0.5040

Harmonies

Analogous

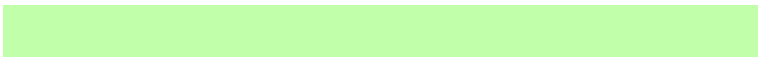
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



94.0966, 0.4217, 0.4080



94.0966, 0.3792, 0.4374



94.0966, 0.3211, 0.4348

Triad

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



94.0966, 0.3792, 0.4374



94.0966, 0.2043, 0.2754



94.0966, 0.3571, 0.2751

Complementary

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



94.0966, 0.3792, 0.4374



32.6190, 0.2289, 0.1913

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.



94.0966, 0.2945, 0.2455



94.0966, 0.3792, 0.4374



94.0966, 0.2115, 0.2426

Square

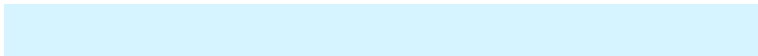
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



94.0966, 0.3792, 0.4374



94.0966, 0.2221, 0.3304



94.0966, 0.2427, 0.2335



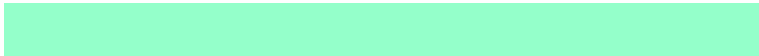
94.0966, 0.4107, 0.3168

Rectangle

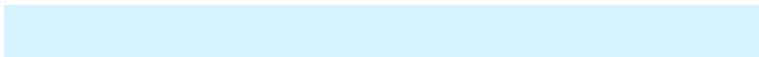
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



94.0966, 0.3792, 0.4374



94.0966, 0.2818, 0.4107



94.0966, 0.2427, 0.2335



94.0966, 0.3361, 0.2636

Sweetspot

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



94.0927, 0.3792, 0.4374



97.8577, 0.3323, 0.3610



42.6172, 0.4297, 0.3274



20.8753, 0.3357, 0.3665



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

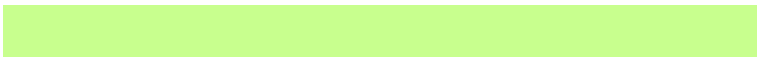
The Same Dimension uses a secret algorithm to generate beautiful new colors.



94.0927, 0.3792, 0.4374



93.3669, 0.3904, 0.4557



85.8056, 0.3414, 0.4537



21.0613, 0.3269, 0.3523



47.7397, 0.4209, 0.5040



4.6569, 0.4207, 0.5042

Inverse Universe

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



32.6190, 0.2289, 0.1913



24.8901, 0.2102, 0.1604



38.3860, 0.2689, 0.2038



17.4037, 0.2978, 0.3046



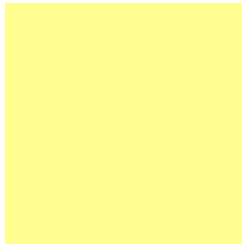
3.8096, 0.1502, 0.0605



0.3797, 0.1505, 0.0618

Previews

White Background



This preview shows how the Yxy color 94.0966, 0.3792, 0.4374 looks on a white background.

Color Contrast Check

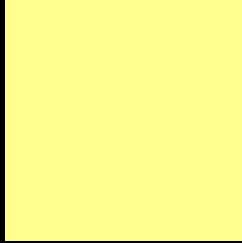
Large Text (above 18pt) WCAG AA × Fail

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 94.0966, 0.3792, 0.4374 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

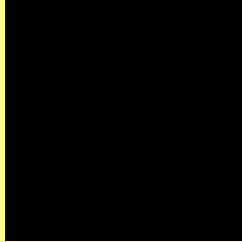
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 94.0966, 0.3792, 0.4374

Background



This preview shows how black text looks on a background with the Yxy color 94.0966, 0.3792, 0.4374.

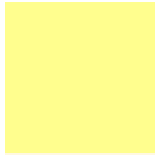


This preview shows how white text looks on a background with the Yxy color 94.0966, 0.3792, 0.4374.

Color Blindness Simulation

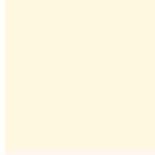
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



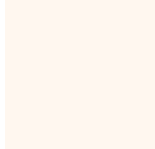
Original Color

94.0966, 0.3792, 0.4374



Protanopia

93.8310, 0.3312, 0.3515



Deuteranopia

94.0135, 0.3227, 0.3368



Tritanopia

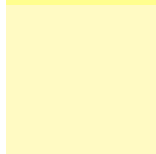
94.1998, 0.3149, 0.3233

Trichromacy



Original Color

94.0966, 0.3792, 0.4374



Protanomaly

93.5713, 0.3494, 0.3834



Deuteranomaly

93.9908, 0.3439, 0.3744



Tritanomaly

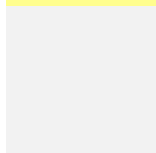
93.7648, 0.3391, 0.3655

Monochromacy



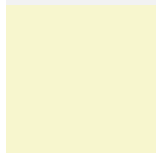
Original Color

94.0966, 0.3792, 0.4374



Achromatopsia

88.7923, 0.3127, 0.3290



Achromatomaly

90.1419, 0.3379, 0.3694

CSS Examples

Text

The CSS property to change the color of the text to Yxy 94.0966, 0.3792, 0.4374 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, 142)` looks like.

```
.text, #text, p{  
    color:rgb(255, 254, 142)  
}
```

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, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 254, 142) }
```

Border

The CSS property to change the border of an element to Yxy 94.0966, 0.3792, 0.4374 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, 142) }
```

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

```
.border{ border-color:rgb(255, 254, 142) }
```

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, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 254, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 254, 142);  
box-shadow:4px 4px 4px 4px rgb(255, 254,  
142) }
```


Background

The CSS property to change the background color of an element to Yxy 94.0966, 0.3792, 0.4374 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, 142) }
```

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

```
.background{ background-color: rgb(255,  
254, 142) }
```

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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