

Converting Colors

$Yxy(92.3066, 0.3876, 0.4480)$

Have a look what the booklet for
Yxy(92.3066, 0.3876, 0.4480)
contains.

Yxy(92.4393, 0.3873, 0.4478)	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(92.4393, 0.3873, 0.4478)

Conversions

Conversions Part 1

Format	Color
Hex	FFFC80
RGB	255, 252, 128
RGB Percent	100%, 99%, 50%
CMY	0.0000, 0.0118, 0.4981
CMYK	0.00, 0.01, 0.50, 0.00
HSL	59°, 100%, 75%
HSV	59°, 50%, 100%
XYZ	79.9503, 92.4393, 34.0403
YIQ	238.7610, 41.5920, -37.9280

Conversions

Conversions Part 2

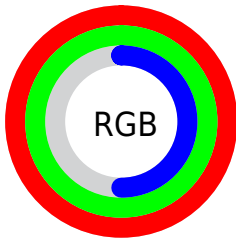
Format	Color
RYB	131, 255, 128
Decimal	16776320
CIELab	97.00, -15.08, 59.09
CIELCh	97, 60.981, 104.317
Yxy	92.4393, 0.3873, 0.4478
Android (android.graphics.Color)	4294966400 (0xFFFFFC80)
YUV	238.7610, -54.6052, 14.2416
Hunter-Lab	96.1454, -19.8216, 46.3101

Details

The Yxy color **92.4393, 0.3873, 0.4478** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **28.0318, 0.2174, 0.1738**, and the grayscale version is **86.5274, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1989, 0.3556, 0.3998**, and **51.7100, 0.3991, 0.4718** is the 20% darker color. If you saturate the color by 10%, you get **91.4735, 0.3994, 0.4667**, and if you desaturate by 10%, it is **93.5764, 0.3734, 0.4260**.

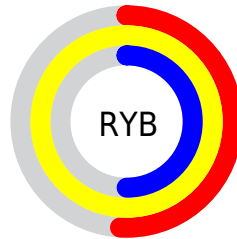
Distribution



Red (100%)

Green (99%)

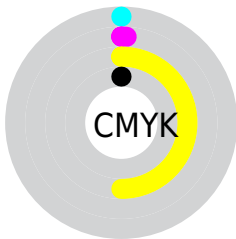
Blue (50%)



Red (51%)

Yellow (100%)

Blue (50%)

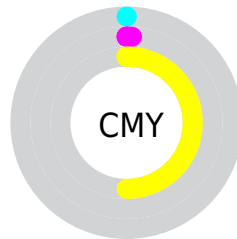


Cyan (0%)

Magenta (1%)

Yellow (50%)

Black (0%)



Cyan (0%)

Magenta (1%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4393, 0.3873, 0.4478 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 92.4393, 0.3873, 0.4478 by changing the saturation by 10% instead.


 92.4393, 0.3873,
0.4478

 92.4393, 0.3873,
0.4478


535.9343, 0.3570,
0.3957

 70.0056, 0.3930,
0.4586


 150.7221, 0.3777,
0.4305

 51.5311, 0.3994,
0.4714


 187.3400, 0.3737,
0.4235

 36.6314, 0.4063,
0.4865


 229.4546, 0.3702,
0.4174

 24.9223, 0.4137,
0.5043

277.4505, 0.3670,
0.4120

 16.0191, 0.4206,
0.5252

331.7121, 0.3641,
0.4073

 9.5377, 0.4281,
0.5528


392.6236, 0.3615,


 5.0935, 0.4242,

0.4030


0.5758

460.5695, 0.3591,
0.3991

 2.3022, 0.4044,
0.5956


 0.7749, 0.3222,
0.6778


 92.4393, 0.3873,
0.4478


 92.4393, 0.3873,
0.4478

 91.4735, 0.3994,
0.4667


 93.5764, 0.3734,
0.4260


 90.6641, 0.4094,
0.4819

 94.8941, 0.3584,
0.4022

 89.9968, 0.4166,
0.4928

 96.4039, 0.3429,
0.3775

 89.4543, 0.4212,
0.4992

 98.1154, 0.3274,
0.3527

■ 89.0082, 0.4235,
0.5019

100.0000, 0.3127,
0.3290

■ 89.0003, 0.4236,
0.5019

Harmonies

Analogous

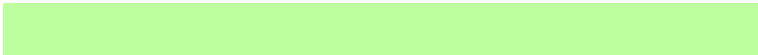
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4393, 0.4337, 0.4130



92.4393, 0.3873, 0.4478



92.4393, 0.3237, 0.4482

Triad

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



92.4393, 0.3873, 0.4478



92.4393, 0.1945, 0.2712



92.4393, 0.3589, 0.2683

Complementary

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



92.4393, 0.3873, 0.4478



28.0318, 0.2174, 0.1738

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.



92.4393, 0.2897, 0.2370



92.4393, 0.3873, 0.4478



92.4393, 0.2014, 0.2349

Square

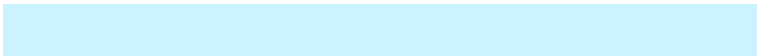
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.4393, 0.3873, 0.4478



92.4393, 0.2145, 0.3326



92.4393, 0.2340, 0.2246



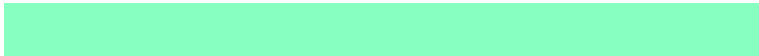
92.4393, 0.4194, 0.3130

Rectangle

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



92.4393, 0.3873, 0.4478



92.4393, 0.2804, 0.4225



92.4393, 0.2340, 0.2246



92.4393, 0.3355, 0.2561

Sweetspot

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



92.4400, 0.3873, 0.4478



97.2022, 0.3354, 0.3655



38.3629, 0.4503, 0.3251



20.7292, 0.3387, 0.3707



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

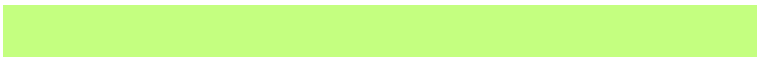
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4400, 0.3873, 0.4478



91.4571, 0.3997, 0.4671



84.7761, 0.3452, 0.4694



21.0128, 0.3270, 0.3519



46.5378, 0.4235, 0.5019



4.5536, 0.4230, 0.5024

Inverse Universe

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



28.0318, 0.2174, 0.1738



20.2728, 0.1963, 0.1389



33.2479, 0.2600, 0.1866



17.4464, 0.2978, 0.3050



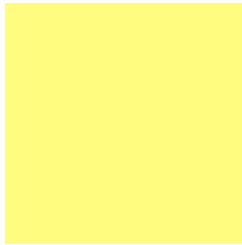
3.8706, 0.1504, 0.0614



0.4000, 0.1513, 0.0648

Previews

White Background



This preview shows how the Yxy color 92.4393, 0.3873, 0.4478 looks on a white background.

Color Contrast Check

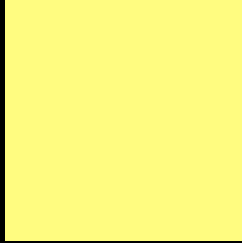
Large Text (above 18pt) WCAG AA × Fail

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 92.4393, 0.3873, 0.4478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

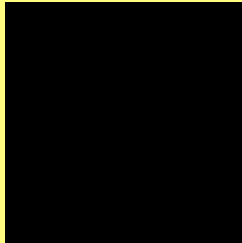
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.4393, 0.3873, 0.4478

Background



This preview shows how black text looks on a background with the Yxy color 92.4393, 0.3873, 0.4478.

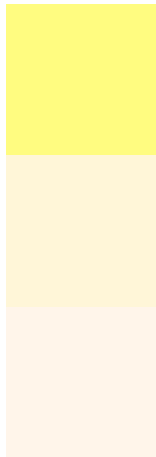


This preview shows how white text looks on a background with the Yxy color 92.4393, 0.3873, 0.4478.

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

92.4393, 0.3873, 0.4478

Protanopia

92.1294, 0.3371, 0.3586

Deuteranopia

92.5053, 0.3259, 0.3398



Tritanopia

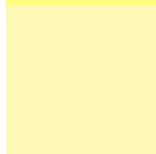
92.2633, 0.3163, 0.3223

Trichromacy



Original Color

92.4393, 0.3873, 0.4478



Protanomaly

91.8555, 0.3567, 0.3926



Deuteranomaly

92.3349, 0.3499, 0.3816



Tritanomaly

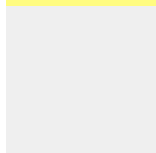
91.6278, 0.3433, 0.3687

Monochromacy



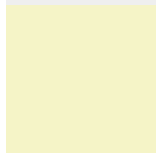
Original Color

92.4393, 0.3873, 0.4478



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.2374, 0.3412, 0.3749

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4393, 0.3873, 0.4478 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, 128)` looks like.

```
.text, #text, p{  
    color:rgb(255, 252, 128)  
}
```

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, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 252, 128) }
```

Border

The CSS property to change the border of an element to Yxy 92.4393, 0.3873, 0.4478 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, 128) }
```

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

```
.border{ border-color:rgb(255, 252, 128) }
```

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, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 252, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 252, 128);  
box-shadow:4px 4px 4px 4px rgb(255, 252,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4393, 0.3873, 0.4478 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, 128) }
```

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

```
.background{ background-color: rgb(255,  
252, 128) }
```

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