

Converting Colors

$Yxy(93.0663, 0.3784, 0.4487)$

Have a look what the booklet for
Yxy(93.0663, 0.3784, 0.4487)
contains.

Yxy(92.9876, 0.3779, 0.4485)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(92.9876, 0.3779, 0.4485)

Conversions

Conversions Part 1

Format	Color
Hex	F7FF85
RGB	247, 255, 133
RGB Percent	97%, 100%, 52%
CMY	0.0314, 0.0000, 0.4786
CMYK	0.03, 0.00, 0.48, 0.00
HSL	64°, 100%, 76%
HSV	64°, 48%, 100%
XYZ	78.3501, 92.9876, 35.9925
YIQ	238.7000, 34.3940, -39.6380

Conversions

Conversions Part 2

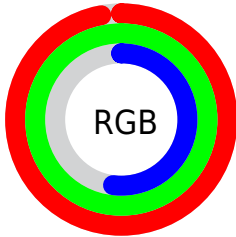
Format	Color
R_{YB}	133, 255, 141
Decimal	16252805
CIE _{Lab}	97.22, -19.21, 56.92
CIE _{LCh}	97, 60.079, 108.649
Yxy	92.9876, 0.3779, 0.4485
Android (android.graphics.Color)	4294442885 (0xFFFF7FF85)
YUV	238.7000, -52.1101, 7.2791
Hunter-Lab	96.4301, -23.7202, 45.3711

Details

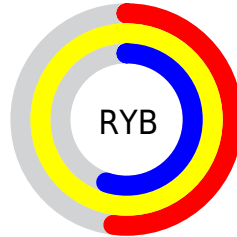
The Yxy color **92.9876, 0.3779, 0.4485** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **29.6420, 0.2262, 0.1792**, and the grayscale version is **86.4604, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.4108, 0.3526, 0.3949**, and **51.7715, 0.3889, 0.4728** is the 20% darker color. If you saturate the color by 10%, you get **92.0638, 0.3887, 0.4696**, and if you desaturate by 10%, it is **94.0845, 0.3654, 0.4248**.

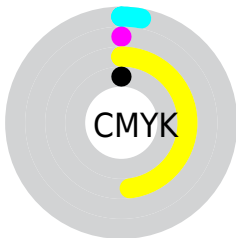
Distribution



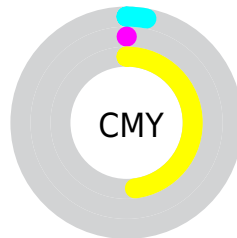
- Red (97%)
- Green (100%)
- Blue (52%)



- Red (52%)
- Yellow (100%)
- Blue (55%)



- Cyan (3%)
- Magenta (0%)
- Yellow (48%)
- Black (0%)




- Cyan (3%)
- Magenta (0%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.9876, 0.3779, 0.4485 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 92.9876, 0.3779, 0.4485 by changing the saturation by 10% instead.


 92.9876, 0.3779,
0.4485

 92.9876, 0.3779,
0.4485


537.7022, 0.3516,
0.3954

 70.4612, 0.3828,
0.4597


 151.4814, 0.3697,
0.4307

 51.9026, 0.3882,
0.4731


 188.2177, 0.3662,
0.4236

 36.9275, 0.3941,
0.4890


 230.4593, 0.3631,
0.4174

 25.1513, 0.4001,
0.5083

278.5907, 0.3603,
0.4120

 16.1898, 0.4056,
0.5313

332.9963, 0.3578,
0.4071

 9.6586, 0.4099,
0.5607

394.0605, 0.3556,

 5.1732, 0.4068,

0.4028

0.5932

462.1677, 0.3535,
0.3989

■ 2.3492, 0.3816,
0.6184

■ 0.7996, 0.2668,
0.7332

■ 92.9876, 0.3779,
0.4485

■ 92.9876, 0.3779,
0.4485

■ 92.0638, 0.3887,
0.4696

■ 94.0845, 0.3654,
0.4248

■ 91.3014, 0.3973,
0.4871

■ 95.3668, 0.3518,
0.3996

■ 90.6860, 0.4033,
0.5004

■ 96.8446, 0.3377,
0.3739

■ 90.2004, 0.4067,
0.5092

■ 98.5275, 0.3236,
0.3484

■ 89.8221, 0.4076,
0.5138

100.0000, 0.3127,
0.3290

■ 89.7480, 0.4077,
0.5145

Harmonies

Analogous

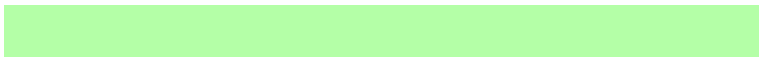
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.9876, 0.4270, 0.4181



92.9876, 0.3779, 0.4485



92.9876, 0.3143, 0.4423

Triad

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



92.9876, 0.3779, 0.4485



92.9876, 0.1956, 0.2654



92.9876, 0.3679, 0.2750

Complementary

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



92.9876, 0.3779, 0.4485



29.6420, 0.2262, 0.1792

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.



92.9876, 0.2996, 0.2418



92.9876, 0.3779, 0.4485



92.9876, 0.2061, 0.2334

Square

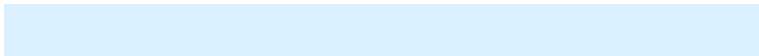
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.9876, 0.3779, 0.4485



92.9876, 0.2115, 0.3228



92.9876, 0.2418, 0.2266



92.9876, 0.4240, 0.3204

Rectangle

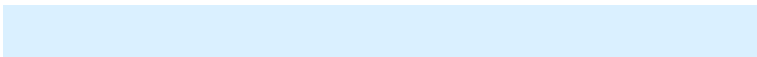
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.9876, 0.3779, 0.4485



92.9876, 0.2723, 0.4129



92.9876, 0.2418, 0.2266



92.9876, 0.3452, 0.2622

Sweetspot

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



92.9872, 0.3779, 0.4485



97.4694, 0.3322, 0.3640



41.4347, 0.4432, 0.3357



20.7869, 0.3353, 0.3695



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

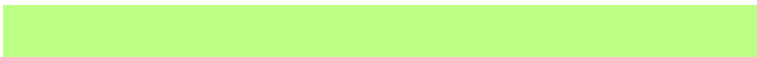
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.9872, 0.3779, 0.4485



92.1366, 0.3879, 0.4679



83.8880, 0.3377, 0.4667



21.0266, 0.3259, 0.3525



46.9212, 0.4079, 0.5143



4.5861, 0.4093, 0.5132

Inverse Universe

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



29.6420, 0.2262, 0.1792



22.2306, 0.2072, 0.1475



36.2739, 0.2710, 0.1955



17.4345, 0.2989, 0.3045



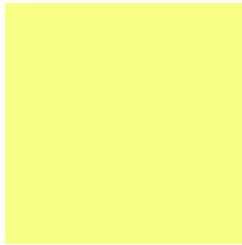
3.8546, 0.1519, 0.0611



0.3943, 0.1565, 0.0636

Previews

White Background



This preview shows how the Yxy color 92.9876, 0.3779, 0.4485 looks on a white background.

Color Contrast Check

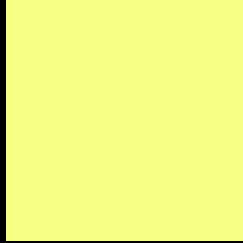
Large Text (above 18pt) WCAG AA × Fail

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 92.9876, 0.3779, 0.4485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

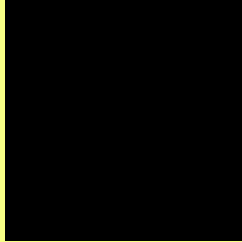
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.9876, 0.3779, 0.4485

Background



This preview shows how black text looks on a background with the Yxy color 92.9876, 0.3779, 0.4485.



This preview shows how white text looks on a background with the Yxy color 92.9876, 0.3779, 0.4485.

Color Blindness Simulation

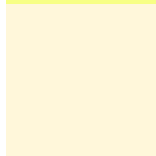
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



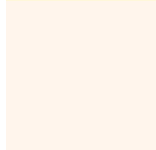
Original Color

92.9876, 0.3779, 0.4485



Protanopia

92.8435, 0.3357, 0.3576



Deuteranopia

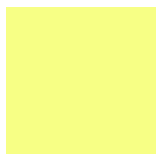
92.6209, 0.3247, 0.3378



Tritanopia

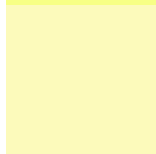
92.5169, 0.3139, 0.3185

Trichromacy



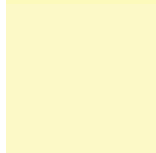
Original Color

92.9876, 0.3779, 0.4485



Protanomaly

92.6545, 0.3523, 0.3918



Deuteranomaly

92.5703, 0.3451, 0.3788



Tritanomaly

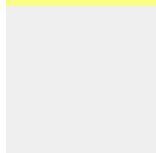
91.8701, 0.3386, 0.3658

Monochromacy



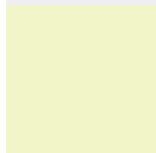
Original Color

92.9876, 0.3779, 0.4485



Achromatopsia

86.3157, 0.3127, 0.3290



Achromatomaly

88.3522, 0.3383, 0.3751

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.9876, 0.3779, 0.4485 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(247, 255, 133)` looks like.

```
.text, #text, p{  
    color:rgb(247, 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(247, 255, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 255, 133) }
```

Border

The CSS property to change the border of an element to Yxy 92.9876, 0.3779, 0.4485 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(247, 255, 133) }
```

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

```
.border{ border-color:rgb(247, 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(247, 255, 133) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 255, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 255, 133);  
box-shadow:4px 4px 4px 4px rgb(247, 255,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 92.9876, 0.3779, 0.4485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 255, 133) }
```

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

```
.background{ background-color: rgb(247,  
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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