

Converting Colors

Yxy(164.4983, 0.3499, 0.5078)

Have a look what the booklet for
Yxy(164.4983, 0.3499, 0.5078)
contains.

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Color

Yxy(92.4910, 0.3790, 0.4534)

Conversions

Conversions Part 1

Format	Color
Hex	F5FF80
RGB	245, 255, 128
RGB Percent	96%, 100%, 50%
CMY	0.0392, 0.0000, 0.4981
CMYK	0.04, 0.00, 0.50, 0.00
HSL	65°, 100%, 75%
HSV	65°, 50%, 100%
XYZ	77.3138, 92.4910, 34.1894
YIQ	237.5320, 34.8070, -41.6170

Conversions

Conversions Part 2

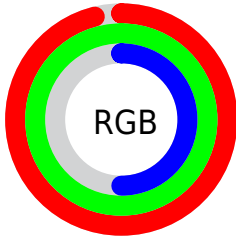
Format	Color
R_{YB}	128, 255, 138
Decimal	16121728
CIE _{Lab}	97.02, -20.42, 58.93
CIE _{LCh}	97, 62.362, 109.110
Yxy	92.4910, 0.3790, 0.4534
Android (android.graphics.Color)	4294311808 (0xFFFF5FF80)
YUV	237.5320, -53.9993, 6.5494
Hunter-Lab	96.1722, -24.8035, 46.2428

Details

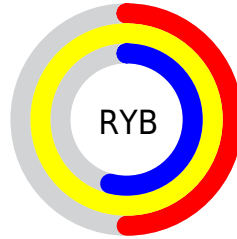
The Yxy color **92.4910, 0.3790, 0.4534** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **28.0516, 0.2232, 0.1727**, and the grayscale version is **85.5240, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1989, 0.3556, 0.3998**, and **51.4474, 0.3897, 0.4783** is the 20% darker color. If you saturate the color by 10%, you get **91.5444, 0.3892, 0.4741**, and if you desaturate by 10%, it is **93.6127, 0.3670, 0.4300**.

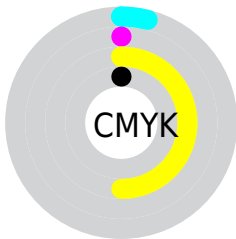
Distribution



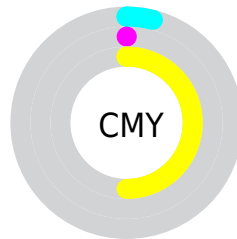
- Red (96%)
- Green (100%)
- Blue (50%)



- Red (50%)
- Yellow (100%)
- Blue (54%)



- Cyan (4%)
- Magenta (0%)
- Yellow (50%)
- Black (0%)





- Cyan (4%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 92.4910, 0.3790, 0.4534 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 92.4910, 0.3790, 0.4534 by changing the saturation by 10% instead.


 92.4910, 0.3790,
0.4534

 92.4910, 0.3790,
0.4534


536.1011, 0.3525,
0.3981

 70.0485, 0.3838,
0.4651


 150.7937, 0.3708,
0.4349

 51.5661, 0.3891,
0.4789


 187.4228, 0.3673,
0.4275

 36.6593, 0.3948,
0.4954


 229.5494, 0.3642,
0.4211

 24.9438, 0.4004,
0.5152

277.5581, 0.3614,
0.4154

 16.0352, 0.4050,
0.5387

331.8332, 0.3588,
0.4103

 9.5491, 0.4093,
0.5702

392.7592, 0.3565,

 5.1010, 0.4011,

0.4058

0.5989

460.7203, 0.3544,
0.4018

■ 2.3067, 0.3739,
0.6261

■ 0.7772, 0.2362,
0.7638

■ 92.4910, 0.3790,
0.4534

■ 92.4910, 0.3790,
0.4534

■ 91.5444, 0.3892,
0.4741

■ 93.6127, 0.3670,
0.4300

■ 90.7563, 0.3971,
0.4911

■ 94.9173, 0.3539,
0.4048

■ 90.1131, 0.4023,
0.5038

■ 96.4166, 0.3400,
0.3790

■ 89.5973, 0.4050,
0.5120

■ 98.1203, 0.3261,
0.3533

■ 89.1806, 0.4053,
0.5163

100.0000, 0.3127,
0.3290

■ 89.1732, 0.4053,
0.5163

Harmonies

Analogous

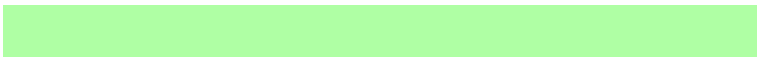
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.4910, 0.4304, 0.4215



92.4910, 0.3790, 0.4534



92.4910, 0.3129, 0.4468

Triad

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



92.4910, 0.3790, 0.4534



92.4910, 0.1915, 0.2620



92.4910, 0.3710, 0.2736

Complementary

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



92.4910, 0.3790, 0.4534



28.0516, 0.2232, 0.1727

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.



92.4910, 0.3000, 0.2392



92.4910, 0.3790, 0.4534



92.4910, 0.2028, 0.2296

Square

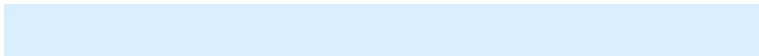
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



92.4910, 0.3790, 0.4534



92.4910, 0.2073, 0.3212



92.4910, 0.2399, 0.2232



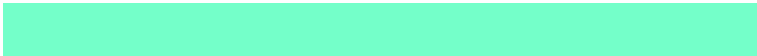
92.4910, 0.4291, 0.3205

Rectangle

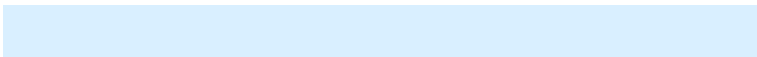
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



92.4910, 0.3790, 0.4534



92.4910, 0.2696, 0.4157



92.4910, 0.2399, 0.2232



92.4910, 0.3474, 0.2604

Sweetspot

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



92.4923, 0.3790, 0.4534



97.2107, 0.3333, 0.3666



40.5509, 0.4502, 0.3381



20.7314, 0.3363, 0.3720



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

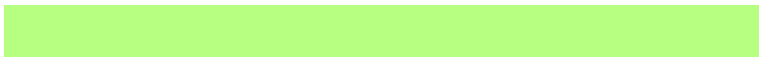
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.4923, 0.3790, 0.4534



91.5284, 0.3893, 0.4744



83.1474, 0.3369, 0.4733



21.0138, 0.3257, 0.3526



46.6254, 0.4056, 0.5162



4.5604, 0.4072, 0.5148

Inverse Universe

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



28.0516, 0.2232, 0.1727



20.3023, 0.2023, 0.1381



34.9247, 0.2705, 0.1906



17.4460, 0.2991, 0.3045



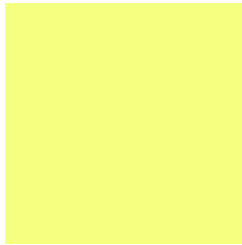
3.8745, 0.1524, 0.0613



0.3997, 0.1577, 0.0643

Previews

White Background



This preview shows how the Yxy color 92.4910, 0.3790, 0.4534 looks on a white background.

Color Contrast Check

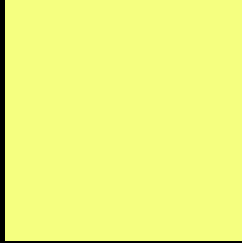
Large Text (above 18pt) WCAG AA × Fail

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 92.4910, 0.3790, 0.4534 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 92.4910, 0.3790, 0.4534

Background



This preview shows how black text looks on a background with the Yxy color 92.4910, 0.3790, 0.4534.

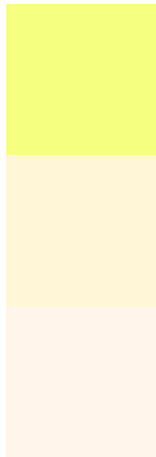


This preview shows how white text looks on a background with the Yxy color 92.4910, 0.3790, 0.4534.

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

92.4910, 0.3790, 0.4534

Protanopia

92.0778, 0.3377, 0.3596

Deuteranopia

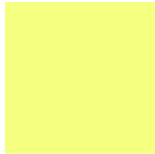
92.5053, 0.3259, 0.3398



Tritanopia

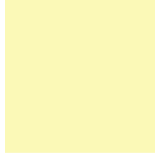
91.9843, 0.3133, 0.3165

Trichromacy



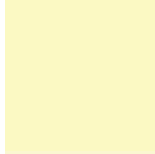
Original Color

92.4910, 0.3790, 0.4534



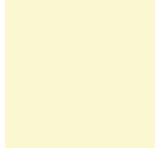
Protanomaly

91.6795, 0.3543, 0.3951



Deuteranomaly

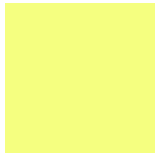
92.2007, 0.3469, 0.3830



Tritanomaly

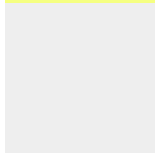
91.6342, 0.3386, 0.3669

Monochromacy



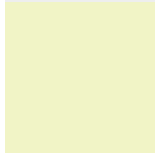
Original Color

92.4910, 0.3790, 0.4534



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.4794, 0.3391, 0.3763

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.4910, 0.3790, 0.4534 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(245, 255, 128)` looks like.

```
.text, #text, p{  
    color:rgb(245, 255, 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(245, 255, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 255, 128) }
```

Border

The CSS property to change the border of an element to Yxy 92.4910, 0.3790, 0.4534 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(245, 255, 128) }
```

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

```
.border{ border-color:rgb(245, 255, 128) }
```

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

Here you see how a box with a 4 pixel rgb(245, 255, 128) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 255, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 255, 128);  
box-shadow:4px 4px 4px 4px rgb(245, 255,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 92.4910, 0.3790, 0.4534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 255, 128) }
```

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

```
.background{ background-color: rgb(245,  
255, 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](#).

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