

Converting Colors

$Yxy(91.4706, 0.3785, 0.4541)$

Have a look what the booklet for
Yxy(91.4706, 0.3785, 0.4541)
contains.

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Color

Yxy(91.4706, 0.3785, 0.4541)

Conversions

Conversions Part 1

Format	Color
Hex	F3FE7F
RGB	243, 254, 127
RGB Percent	95%, 100%, 50%
CMY	0.0470, 0.0039, 0.5019
CMYK	0.04, 0.00, 0.50, 0.00
HSL	65°, 98%, 75%
HSV	65°, 50%, 100%
XYZ	76.2423, 91.4706, 33.7198
YIQ	236.2330, 34.2110, -41.8290

Conversions

Conversions Part 2

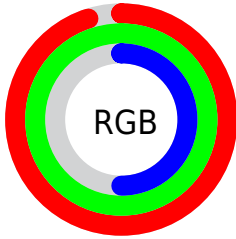
Format	Color
R_{YB}	127, 254, 138
Decimal	15990399
CIE Lab	96.60, -20.78, 58.83
CIE LCh	97, 62.395, 109.458
Yxy	91.4706, 0.3785, 0.4541
Android (android.graphics.Color)	4294180479 (0xFFFF3FE7F)
YUV	236.2330, -53.8519, 5.9347
Hunter-Lab	95.6403, -25.0742, 46.0443

Details

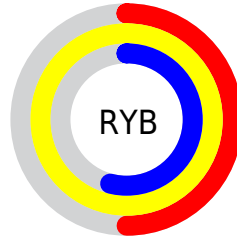
The Yxy color **91.4706, 0.3785, 0.4541** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **27.7405, 0.2235, 0.1724**, and the grayscale version is **84.4760, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.1574, 0.3561, 0.4008**, and **50.7278, 0.3891, 0.4793** is the 20% darker color. If you saturate the color by 10%, you get **90.5056, 0.3885, 0.4749**, and if you desaturate by 10%, it is **92.6156, 0.3667, 0.4306**.

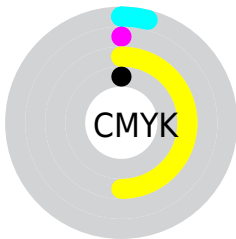
Distribution



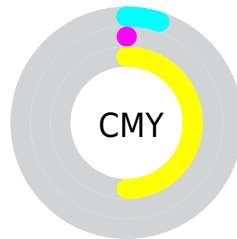
- Red (95%)
- Green (100%)
- Blue (50%)



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



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





- Cyan (5%)
- Magenta (0%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4706, 0.3785, 0.4541 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 91.4706, 0.3785, 0.4541 by changing the saturation by 10% instead.


 91.4706, 0.3785,
0.4541

 91.4706, 0.3785,
0.4541


532.8031, 0.3522,
0.3984

 69.2010, 0.3833,
0.4659


 149.3794, 0.3703,
0.4354

 50.8754, 0.3885,
0.4799


 185.7875, 0.3669,
0.4280

 36.1095, 0.3941,
0.4966


 227.6771, 0.3638,
0.4214

 24.5188, 0.3996,
0.5167

275.4328, 0.3610,
0.4157

 15.7189, 0.4040,
0.5406

329.4388, 0.3585,
0.4106

 9.3254, 0.4083,
0.5733

390.0796, 0.3562,

 4.9541, 0.3986,

0.4061

0.6014

457.7396, 0.3541,
0.4020

■ 2.2203, 0.3703,
0.6297

■ 0.7310, 0.2041,
0.7959

■ 91.4706, 0.3785,
0.4541

■ 91.4706, 0.3785,
0.4541

■ 90.5056, 0.3885,
0.4749

■ 92.6156, 0.3667,
0.4306

■ 89.6951, 0.3962,
0.4920

■ 93.9394, 0.3537,
0.4054

■ 89.0288, 0.4013,
0.5048

■ 95.4568, 0.3400,
0.3795

■ 88.4891, 0.4037,
0.5130

■ 97.1773, 0.3262,
0.3538

■ 88.0475, 0.4040,
0.5174

99.1101, 0.3127,
0.3290

■ 88.0472, 0.4040,
0.5174

99.3626, 0.3128,
0.3281

Harmonies

Analogous

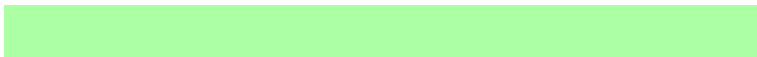
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4706, 0.4304, 0.4224



91.4706, 0.3785, 0.4541



91.4706, 0.3121, 0.4470

Triad

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



91.4706, 0.3785, 0.4541



91.4706, 0.1911, 0.2612



91.4706, 0.3721, 0.2739

Complementary

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



91.4706, 0.3785, 0.4541



27.7405, 0.2235, 0.1724

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.



91.4706, 0.3007, 0.2392



91.4706, 0.3785, 0.4541



91.4706, 0.2027, 0.2290

Square

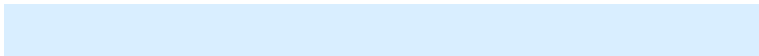
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



91.4706, 0.3785, 0.4541



91.4706, 0.2066, 0.3203



91.4706, 0.2402, 0.2229



91.4706, 0.4301, 0.3210

Rectangle

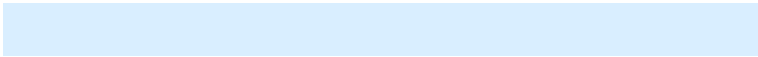
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



91.4706, 0.3785, 0.4541



91.4706, 0.2687, 0.4154



91.4706, 0.2402, 0.2229



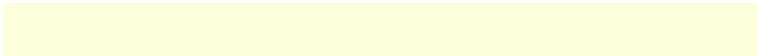
91.4706, 0.3484, 0.2606

Sweetspot

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



91.4748, 0.3785, 0.4541



97.1553, 0.3331, 0.3666



40.6648, 0.4497, 0.3403



20.7179, 0.3360, 0.3720



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

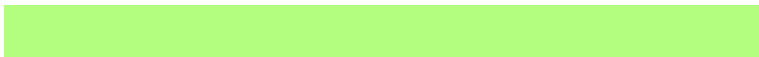
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4748, 0.3785, 0.4541



91.3178, 0.3885, 0.4749



82.1096, 0.3356, 0.4745



21.0062, 0.3256, 0.3526



46.4530, 0.4042, 0.5172



4.5455, 0.4061, 0.5158

Inverse Universe

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



27.7405, 0.2235, 0.1724



20.3825, 0.2031, 0.1384



34.7681, 0.2722, 0.1908



17.4527, 0.2992, 0.3045



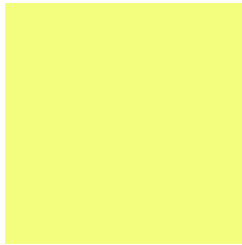
3.8874, 0.1527, 0.0615



0.4029, 0.1585, 0.0647

Previews

White Background



This preview shows how the Yxy color 91.4706, 0.3785, 0.4541 looks on a white background.

Color Contrast Check

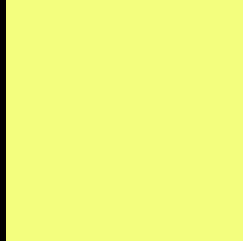
Large Text (above 18pt) WCAG AA × Fail

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 91.4706, 0.3785, 0.4541 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

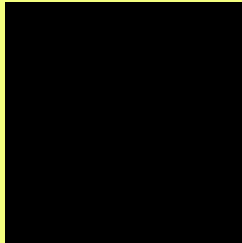
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.4706, 0.3785, 0.4541

Background



This preview shows how black text looks on a background with the Yxy color 91.4706, 0.3785, 0.4541.

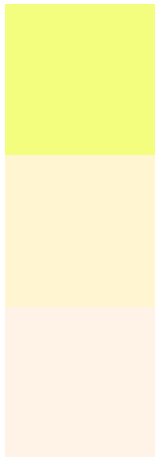


This preview shows how white text looks on a background with the Yxy color 91.4706, 0.3785, 0.4541.

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

91.4706, 0.3785, 0.4541

Protanopia

91.1683, 0.3416, 0.3647

Deuteranopia

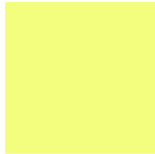
91.1307, 0.3280, 0.3408



Tritanopia

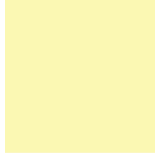
91.2014, 0.3127, 0.3155

Trichromacy



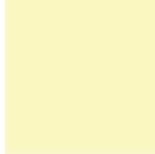
Original Color

91.4706, 0.3785, 0.4541



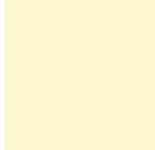
Protanomaly

90.8987, 0.3570, 0.3982



Deuteranomaly

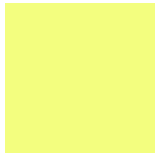
90.8810, 0.3485, 0.3832



Tritanomaly

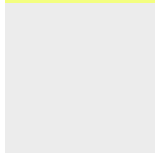
90.7896, 0.3387, 0.3671

Monochromacy



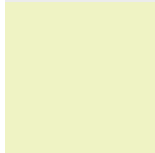
Original Color

91.4706, 0.3785, 0.4541



Achromatopsia

83.8799, 0.3127, 0.3290



Achromatomaly

86.4374, 0.3391, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4706, 0.3785, 0.4541 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(243, 254, 127)` looks like.

```
.text, #text, p{  
    color:rgb(243, 254, 127)  
}
```

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(243, 254, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 254, 127) }
```

Border

The CSS property to change the border of an element to Yxy 91.4706, 0.3785, 0.4541 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(243, 254, 127) }
```

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

```
.border{ border-color:rgb(243, 254, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 254, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 254, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 254, 127);  
box-shadow:4px 4px 4px 4px rgb(243, 254,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4706, 0.3785, 0.4541 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 254, 127) }
```

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

```
.background{ background-color: rgb(243,  
254, 127) }
```

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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