

Converting Colors

$Y_{xy}(148.6436, 0.3370, 0.4783)$

Have a look what the booklet for
Yxy(148.6436, 0.3370, 0.4783)
contains.

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Color

Yxy(91.6211, 0.3534, 0.4248)

Conversions

Conversions Part 1

Format	Color
Hex	EAFFA2
RGB	234, 255, 162
RGB Percent	92%, 100%, 64%
CMY	0.0822, 0.0000, 0.3648
CMYK	0.08, 0.00, 0.36, 0.00
HSL	74°, 100%, 82%
HSV	74°, 36%, 100%
XYZ	76.2215, 91.6211, 47.8379
YIQ	238.1190, 17.3370, -33.3750

Conversions

Conversions Part 2

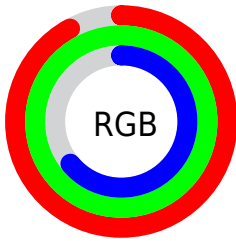
Format	Color
RYB	162, 255, 183
Decimal	15400866
CIELab	96.67, -21.09, 42.21
CIELCh	97, 47.184, 116.554
Yxy	91.6211, 0.3534, 0.4248
Android (android.graphics.Color)	4293590946 (0xFFEAFFA2)
YUV	238.1190, -37.5267, -3.6124
Hunter-Lab	95.7189, -25.3675, 37.3716

Details

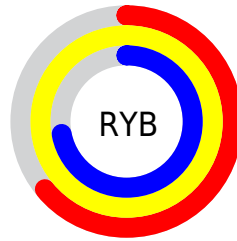
The Yxy color **91.6211, 0.3534, 0.4248** is a light color, and the websafe version is hex **FFFF99**. A complement of this color would be **43.1115, 0.2604, 0.2224**, and the grayscale version is **85.8890, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.8420, 0.3345, 0.3651**, and **50.8394, 0.3603, 0.4458** is the 20% darker color. If you saturate the color by 10%, you get **89.8517, 0.3631, 0.4511**, and if you desaturate by 10%, it is **93.6141, 0.3426, 0.3978**.

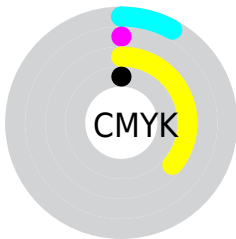
Distribution



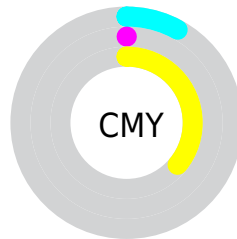
- Red (92%)
- Green (100%)
- Blue (64%)



- Red (64%)
- Yellow (100%)
- Blue (72%)



- Cyan (8%)
- Magenta (0%)
- Yellow (36%)
- Black (0%)





- Cyan (8%)
- Magenta (0%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 91.6211, 0.3534, 0.4248 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 91.6211, 0.3534, 0.4248 by changing the saturation by 10% instead.

 91.6211, 0.3534,
0.4248

 91.6211, 0.3534,
0.4248


533.2902, 0.3367,
0.3812

 69.3260, 0.3566,
0.4344


 149.5881, 0.3481,
0.4099

 50.9772, 0.3603,
0.4461


 186.0288, 0.3459,
0.4040

 36.1905, 0.3645,
0.4606


227.9535, 0.3439,
0.3990

 24.5813, 0.3692,
0.4788

275.7465, 0.3421,
0.3945

 15.7654, 0.3740,
0.5022

329.7923, 0.3406,
0.3906

 9.3583, 0.3781,
0.5330

390.4753, 0.3392,

 4.9756, 0.3851,

0.3871

0.5840

458.1798, 0.3379,
0.3840

■ 2.2330, 0.3687,
0.6313

■ 0.7379, 0.2017,
0.7983

■ 91.6211, 0.3534,
0.4248

■ 91.6211, 0.3534,
0.4248

■ 89.8517, 0.3631,
0.4511

■ 93.6141, 0.3426,
0.3978

■ 88.2821, 0.3713,
0.4755

■ 95.8289, 0.3314,
0.3709

■ 86.9037, 0.3773,
0.4970

■ 98.2794, 0.3200,
0.3450

■ 85.7021, 0.3808,
0.5143

99.9979, 0.3127,
0.3290

■ 84.6607, 0.3817,
0.5270

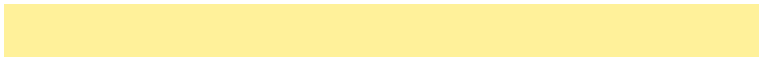
■ 83.7584, 0.3801,
0.5350

■ 83.4628, 0.3792,
0.5371

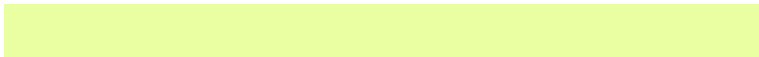
Harmonies

Analogous

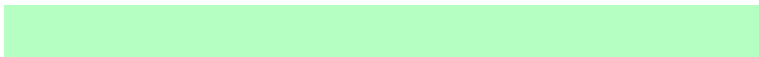
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.6211, 0.3963, 0.4097



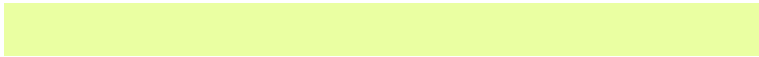
91.6211, 0.3534, 0.4248



91.6211, 0.3017, 0.4090

Triad

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



91.6211, 0.3534, 0.4248



91.6211, 0.2178, 0.2703



91.6211, 0.3699, 0.2948

Complementary

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



91.6211, 0.3534, 0.4248



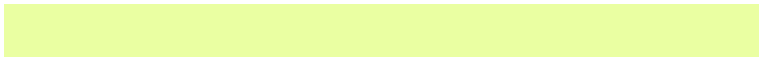
43.1115, 0.2604, 0.2224

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.



91.6211, 0.3170, 0.2640



91.6211, 0.3534, 0.4248



91.6211, 0.2322, 0.2486

Square

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



91.6211, 0.3534, 0.4248



91.6211, 0.2256, 0.3118



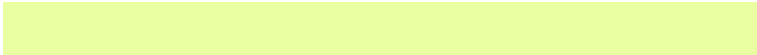
91.6211, 0.2670, 0.2473



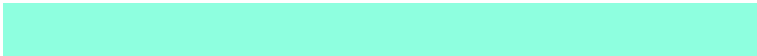
91.6211, 0.4079, 0.3343

Rectangle

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



91.6211, 0.3534, 0.4248



91.6211, 0.2693, 0.3816



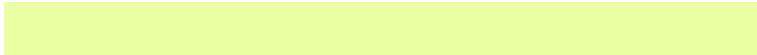
91.6211, 0.2670, 0.2473



91.6211, 0.3530, 0.2833

Sweetspot

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



91.6252, 0.3534, 0.4248



97.1444, 0.3251, 0.3566



57.3770, 0.3940, 0.3504



20.7219, 0.3267, 0.3601



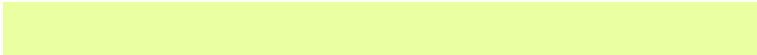
0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

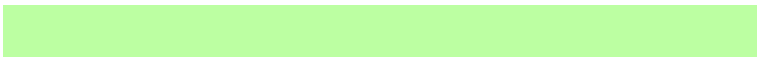
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.6252, 0.3534, 0.4248



90.2744, 0.3608, 0.4447



84.8595, 0.3233, 0.4348



20.8723, 0.3234, 0.3527



43.6820, 0.3799, 0.5366



4.3013, 0.3846, 0.5328

Inverse Universe

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



43.1115, 0.2604, 0.2224



35.1382, 0.2469, 0.1972



49.6516, 0.2956, 0.2324



17.5751, 0.3014, 0.3047



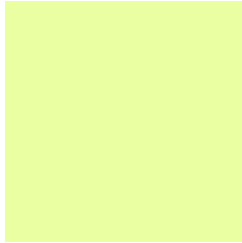
4.2880, 0.1619, 0.0666



0.4636, 0.1723, 0.0723

Previews

White Background



This preview shows how the Yxy color 91.6211, 0.3534, 0.4248 looks on a white background.

Color Contrast Check

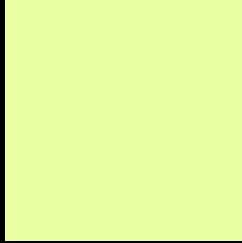
Large Text (above 18pt) WCAG AA × Fail

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 91.6211, 0.3534, 0.4248 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

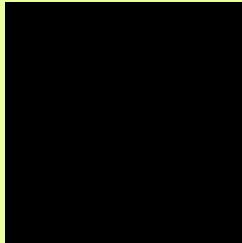
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

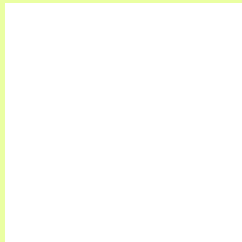
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 91.6211, 0.3534, 0.4248

Background



This preview shows how black text looks on a background with the Yxy color 91.6211, 0.3534, 0.4248.

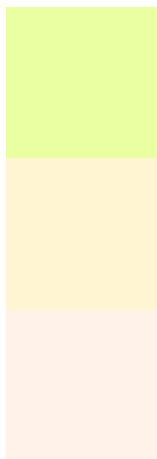


This preview shows how white text looks on a background with the Yxy color 91.6211, 0.3534, 0.4248.

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

91.6211, 0.3534, 0.4248

Protanopia

91.2680, 0.3404, 0.3627

Deuteranopia

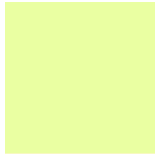
91.2444, 0.3268, 0.3388



Tritanopia

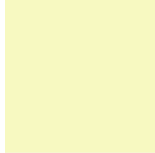
91.5142, 0.3075, 0.3183

Trichromacy



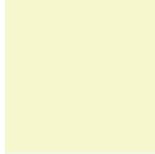
Original Color

91.6211, 0.3534, 0.4248



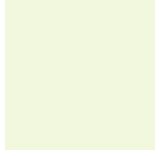
Protanomaly

91.3758, 0.3454, 0.3855



Deuteranomaly

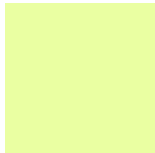
90.8007, 0.3371, 0.3693



Tritanomaly

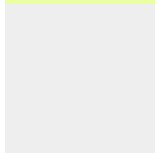
91.2325, 0.3250, 0.3562

Monochromacy



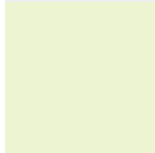
Original Color

91.6211, 0.3534, 0.4248



Achromatopsia

85.4993, 0.3127, 0.3290



Achromatomaly

87.3590, 0.3289, 0.3641

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.6211, 0.3534, 0.4248 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(234, 255, 162)` looks like.

```
.text, #text, p{  
    color:rgb(234, 255, 162)  
}
```

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(234, 255, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 255, 162) }
```

Border

The CSS property to change the border of an element to Yxy 91.6211, 0.3534, 0.4248 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(234, 255, 162) }
```

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

```
.border{ border-color:rgb(234, 255, 162) }
```

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

Here you see how a box with a 4 pixel rgb(234, 255, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 255, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 255, 162);  
box-shadow:4px 4px 4px 4px rgb(234, 255,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 91.6211, 0.3534, 0.4248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 255, 162) }
```

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

```
.background{ background-color: rgb(234,  
255, 162) }
```

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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