

Converting Colors

$Yxy(91.4214, 0.3416, 0.3805)$

Have a look what the booklet for
Yxy(91.4214, 0.3416, 0.3805)
contains.

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Color

Yxy(91.4214, 0.3416, 0.3805)

Conversions

Conversions Part 1

Format	Color
Hex	F6F9C6
RGB	246, 249, 198
RGB Percent	96%, 98%, 78%
CMY	0.0353, 0.0235, 0.2234
CMYK	0.01, 0.00, 0.20, 0.02
HSL	64°, 81%, 88%
HSV	64°, 20%, 98%
XYZ	82.0750, 91.4214, 66.7701
YIQ	242.2890, 14.5830, -16.4970

Conversions

Conversions Part 2

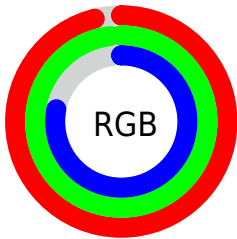
Format	Color
RYB	198, 249, 201
Decimal	16185798
CIELab	96.58, -9.14, 24.19
CIELCh	97, 25.861, 110.698
Yxy	91.4214, 0.3416, 0.3805
Android (android.graphics.Color)	4294375878 (0xFFFF6F9C6)
YUV	242.2890, -21.8345, 3.2545
Hunter-Lab	95.6145, -14.1020, 25.5265

Details

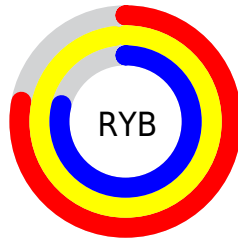
The Yxy color **91.4214, 0.3416, 0.3805** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.6729, 0.2804, 0.2725**, and the grayscale version is **89.2049, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **50.9724, 0.3471, 0.3924** is the 20% darker color. If you saturate the color by 10%, you get **90.1032, 0.3557, 0.4061**, and if you desaturate by 10%, it is **92.9387, 0.3273, 0.3549**.

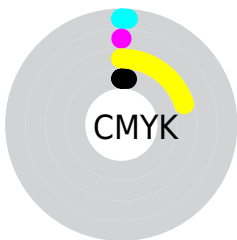
Distribution



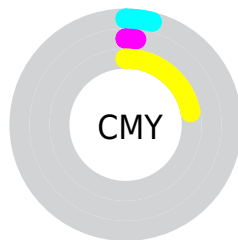
- Red (96%)
- Green (98%)
- Blue (78%)



- Red (78%)
- Yellow (98%)
- Blue (79%)



- Cyan (1%)
- Magenta (0%)
- Yellow (20%)
- Black (2%)





- Cyan (4%)
- Magenta (2%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.4214, 0.3416, 0.3805 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 91.4214, 0.3416, 0.3805 by changing the saturation by 10% instead.

 91.4214, 0.3416,
0.3805

 91.4214, 0.3416,
0.3805


532.6438, 0.3290,
0.3573

 69.1602, 0.3443,
0.3856


149.3112, 0.3374,
0.3726

 50.8421, 0.3475,
0.3919


185.7086, 0.3357,
0.3695

 36.0830, 0.3514,
0.3997


227.5868, 0.3343,
0.3668

 24.4983, 0.3562,
0.4096

275.3302, 0.3330,
0.3644

 15.7037, 0.3623,
0.4227

329.3232, 0.3318,
0.3623

 9.3147, 0.3702,
0.4407

389.9502, 0.3308,

 4.9470, 0.3804,

0.3604

0.4665

457.5956, 0.3299,
0.3588

■ 2.2162, 0.4055,
0.5221

■ 0.7288, 0.3918,
0.6082

■ 91.4214, 0.3416,
0.3805

■ 91.4214, 0.3416,
0.3805

■ 90.1032, 0.3557,
0.4061

■ 92.9387, 0.3273,
0.3549

■ 88.9628, 0.3692,
0.4309


■ 94.6516, 0.3134,
0.3301

■ 87.9942, 0.3814,
0.4539


■ 95.3761, 0.3101,
0.3232


■ 87.1864, 0.3918,
0.4740


■ 95.6503, 0.3110,
0.3232

 86.5272, 0.3999,
0.4903


 95.9266, 0.3120,
0.3233

 86.0025, 0.4053,
0.5023

 96.2051, 0.3129,
0.3233

 85.5956, 0.4082,
0.5099

 96.2357, 0.3130,
0.3233

 85.2915, 0.4088,
0.5136

Harmonies

Analogous

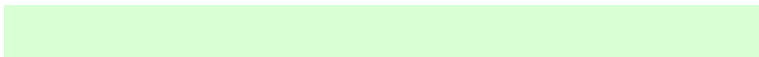
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.4214, 0.3627, 0.3719



91.4214, 0.3416, 0.3805



91.4214, 0.3133, 0.3740

Triad

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



91.4214, 0.3416, 0.3805



91.4214, 0.2583, 0.3013



91.4214, 0.3391, 0.3059

Complementary

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



91.4214, 0.3416, 0.3805



59.6729, 0.2804, 0.2725

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.



91.4214, 0.3100, 0.2889



91.4214, 0.3416, 0.3805



91.4214, 0.2644, 0.2854

Square

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



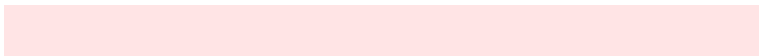
91.4214, 0.3416, 0.3805



91.4214, 0.2660, 0.3262



91.4214, 0.2828, 0.2814



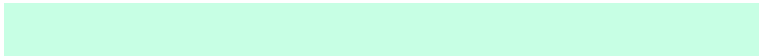
91.4214, 0.3616, 0.3287

Rectangle

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



91.4214, 0.3416, 0.3805



91.4214, 0.2944, 0.3616



91.4214, 0.2828, 0.2814



91.4214, 0.3297, 0.2994

Sweetspot

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



91.4255, 0.3416, 0.3805



98.8820, 0.3210, 0.3438



65.8023, 0.3533, 0.3318



21.1398, 0.3220, 0.3454



0.0000, 0.0000, 0.0000



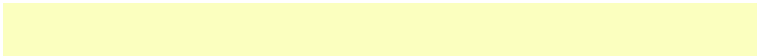
21.4041, 0.3127, 0.3290

Same Dimension

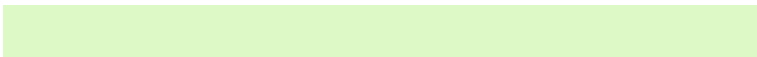
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.4255, 0.3416, 0.3805



95.8434, 0.3481, 0.3922



87.2032, 0.3248, 0.3833



20.1353, 0.3260, 0.3525



45.6747, 0.4090, 0.5134



4.2457, 0.4103, 0.5124

Inverse Universe

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



59.6729, 0.2804, 0.2725



56.1964, 0.2721, 0.2580



63.4275, 0.2982, 0.2753



16.6921, 0.2988, 0.3045



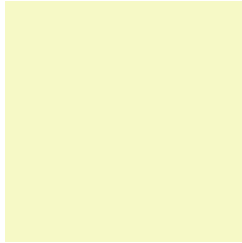
3.7335, 0.1518, 0.0610



0.3625, 0.1561, 0.0634

Previews

White Background



This preview shows how the Yxy color 91.4214, 0.3416, 0.3805 looks on a white background.

Color Contrast Check

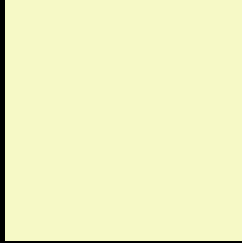
Large Text (above 18pt) WCAG AA × Fail

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 91.4214, 0.3416, 0.3805 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

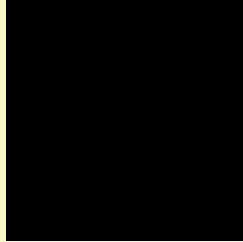
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.4214, 0.3416, 0.3805

Background



This preview shows how black text looks on a background with the Yxy color 91.4214, 0.3416, 0.3805.

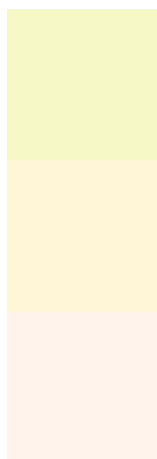


This preview shows how white text looks on a background with the Yxy color 91.4214, 0.3416, 0.3805.

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

91.4214, 0.3416, 0.3805

Protanopia

91.4711, 0.3378, 0.3587

Deuteranopia

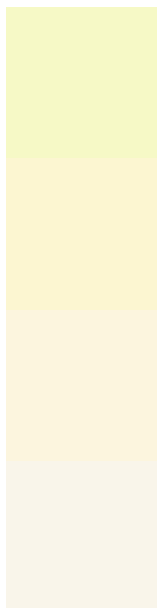
91.3593, 0.3255, 0.3368



Tritanopia

91.2335, 0.3107, 0.3164

Trichromacy



Original Color

91.4214, 0.3416, 0.3805

Protanomaly

91.2104, 0.3394, 0.3659

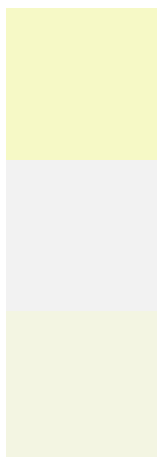
Deuteranomaly

91.2742, 0.3314, 0.3518

Tritanomaly

91.3851, 0.3220, 0.3399

Monochromacy



Original Color

91.4214, 0.3416, 0.3805

Achromatopsia

88.7923, 0.3127, 0.3290

Achromatomaly

89.8505, 0.3229, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 91.4214, 0.3416, 0.3805 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(246, 249, 198)` looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 198)  
}
```

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(246, 249, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 198) }
```

Border

The CSS property to change the border of an element to Yxy 91.4214, 0.3416, 0.3805 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(246, 249, 198) }
```

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

```
.border{ border-color:rgb(246, 249, 198) }
```

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

Here you see how a box with a 4 pixel rgb(246, 249, 198) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 198);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 91.4214, 0.3416, 0.3805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 249, 198) }
```

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

```
.background{ background-color: rgb(246,  
249, 198) }
```

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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