

Converting Colors

$Yxy(91.2481, 0.3422, 0.3814)$

Have a look what the booklet for
Yxy(91.2481, 0.3422, 0.3814)
contains.

Yxy(91.3754, 0.3422, 0.3816)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(91.3754, 0.3422, 0.3816)

Conversions

Conversions Part 1

Format	Color
Hex	F6F9C5
RGB	246, 249, 197
RGB Percent	96%, 98%, 77%
CMY	0.0356, 0.0234, 0.2275
CMYK	0.01, 0.00, 0.21, 0.02
HSL	64°, 81%, 87%
HSV	64°, 21%, 98%
XYZ	81.9409, 91.3754, 66.1370
YIQ	242.1750, 14.9040, -16.8080

Conversions

Conversions Part 2

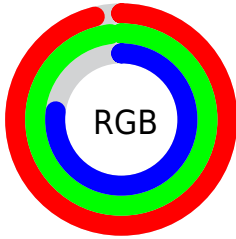
Format	Color
RYB	197, 249, 200
Decimal	16185797
CIELab	96.56, -9.32, 24.70
CIElCh	97, 26.398, 110.672
Yxy	91.3754, 0.3422, 0.3816
Android (android.graphics.Color)	4294375877 (0xFFFF6F9C5)
YUV	242.1750, -22.2713, 3.3545
Hunter-Lab	95.5905, -14.2717, 25.8918

Details

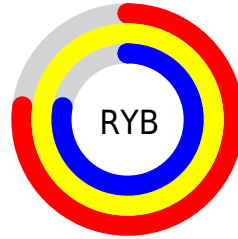
The Yxy color **91.3754, 0.3422, 0.3816** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **59.0629, 0.2797, 0.2712**, and the grayscale version is **89.1045, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **50.9419, 0.3479, 0.3937** is the 20% darker color. If you saturate the color by 10%, you get **90.0638, 0.3563, 0.4072**, and if you desaturate by 10%, it is **92.8858, 0.3279, 0.3560**.

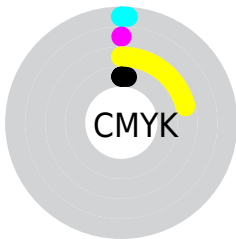
Distribution



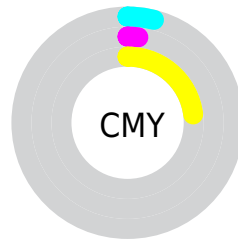
- Red (96%)
- Green (98%)
- Blue (77%)



- Red (77%)
- Yellow (98%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (21%)
- Black (2%)




- Cyan (4%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 91.3754, 0.3422, 0.3816 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 91.3754, 0.3422, 0.3816 by changing the saturation by 10% instead.


 91.3754, 0.3422,
0.3816

 91.3754, 0.3422,
0.3816

532.4949, 0.3294,
0.3579

 69.1220, 0.3449,
0.3868

149.2474, 0.3379,
0.3735

 50.8110, 0.3482,
0.3932


185.6348, 0.3362,
0.3703

 36.0582, 0.3522,
0.4012


227.5023, 0.3347,
0.3676

 24.4792, 0.3571,
0.4114

275.2342, 0.3334,
0.3651

 15.6895, 0.3633,
0.4247

329.2151, 0.3322,
0.3630

 9.3047, 0.3712,
0.4430


389.8292, 0.3312,


 4.9404, 0.3815,

0.3611

0.4693


457.4610, 0.3302,
0.3594

 2.2124, 0.4081,
0.5276


 0.7267, 0.3893,
0.6107


 91.3754, 0.3422,
0.3816


 91.3754, 0.3422,
0.3816


 90.0638, 0.3563,
0.4072

 92.8858, 0.3279,
0.3560


 88.9296, 0.3697,
0.4319

 94.5915, 0.3139,
0.3312

 87.9668, 0.3819,
0.4548

 95.3817, 0.3101,
0.3232

 87.1644, 0.3922,
0.4748

 95.6571, 0.3110,
0.3233

■ 86.5100, 0.4001,
0.4909

■ 95.9346, 0.3119,
0.3233

■ 85.9896, 0.4055,
0.5028

■ 96.2143, 0.3129,
0.3233

■ 85.5862, 0.4082,
0.5101

■ 96.2481, 0.3130,
0.3233

■ 85.2961, 0.4088,
0.5136

Harmonies

Analogous

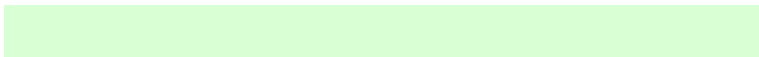
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



91.3754, 0.3638, 0.3728



91.3754, 0.3422, 0.3816



91.3754, 0.3133, 0.3751

Triad

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



91.3754, 0.3422, 0.3816



91.3754, 0.2573, 0.3007



91.3754, 0.3396, 0.3054

Complementary

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



91.3754, 0.3422, 0.3816



59.0629, 0.2797, 0.2712

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.



91.3754, 0.3099, 0.2881



91.3754, 0.3422, 0.3816



91.3754, 0.2634, 0.2846

Square

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



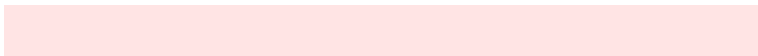
91.3754, 0.3422, 0.3816



91.3754, 0.2650, 0.3262



91.3754, 0.2822, 0.2804



91.3754, 0.3626, 0.3287

Rectangle

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



91.3754, 0.3422, 0.3816



91.3754, 0.2940, 0.3624



91.3754, 0.2822, 0.2804



91.3754, 0.3300, 0.2988

Sweetspot

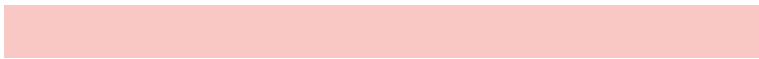
The Sweet Spot groups the original color and five complimentary colors.



91.3795, 0.3422, 0.3816



98.8812, 0.3210, 0.3438



65.2973, 0.3543, 0.3319



21.1396, 0.3220, 0.3454



0.0000, 0.0000, 0.0000



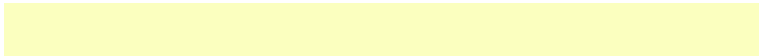
21.4041, 0.3127, 0.3290

Same Dimension

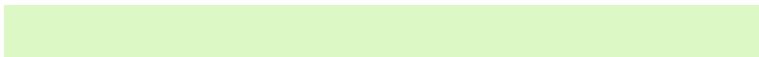
The Same Dimension uses a secret algorithm to generate beautiful new colors.



91.3795, 0.3422, 0.3816



95.8403, 0.3481, 0.3922



87.0786, 0.3251, 0.3846



20.1351, 0.3260, 0.3525



45.6689, 0.4090, 0.5135



4.2452, 0.4103, 0.5124

Inverse Universe

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



59.0629, 0.2797, 0.2712



56.1986, 0.2721, 0.2580



62.8773, 0.2978, 0.2741



16.6923, 0.2988, 0.3045



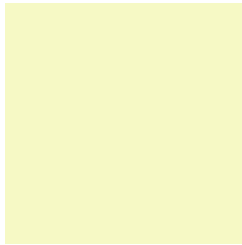
3.7338, 0.1518, 0.0610



0.3626, 0.1561, 0.0634

Previews

White Background



This preview shows how the Yxy color 91.3754, 0.3422, 0.3816 looks on a white background.

Color Contrast Check

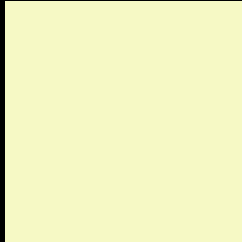
Large Text (above 18pt) WCAG AA × Fail

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 91.3754, 0.3422, 0.3816 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

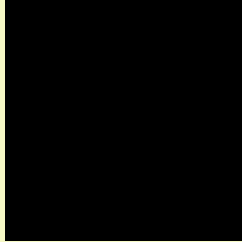
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 91.3754, 0.3422, 0.3816

Background



This preview shows how black text looks on a background with the Yxy color 91.3754, 0.3422, 0.3816.

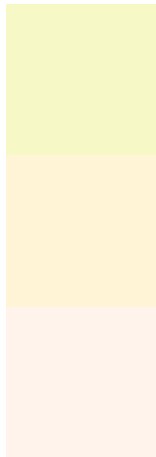


This preview shows how white text looks on a background with the Yxy color 91.3754, 0.3422, 0.3816.

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

91.3754, 0.3422, 0.3816

Protanopia

91.4199, 0.3385, 0.3597

Deuteranopia

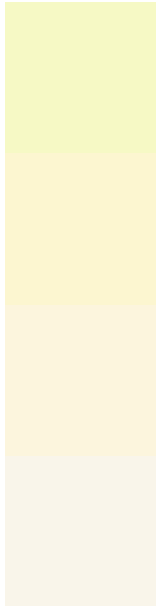
91.3593, 0.3255, 0.3368



Tritanopia

91.2335, 0.3107, 0.3164

Trichromacy



Original Color

91.3754, 0.3422, 0.3816

Protanomaly

91.1610, 0.3400, 0.3669

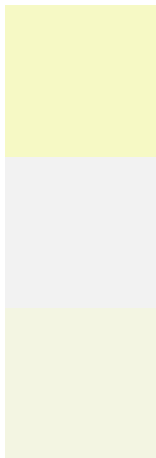
Deuteranomaly

91.2207, 0.3320, 0.3528

Tritanomaly

91.3851, 0.3220, 0.3399

Monochromacy



Original Color

91.3754, 0.3422, 0.3816

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 91.3754, 0.3422, 0.3816 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, 197)` looks like.

```
.text, #text, p{  
    color:rgb(246, 249, 197)  
}
```

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, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 249, 197) }
```

Border

The CSS property to change the border of an element to Yxy 91.3754, 0.3422, 0.3816 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, 197) }
```

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

```
.border{ border-color:rgb(246, 249, 197) }
```

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, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 249, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 249, 197);  
box-shadow:4px 4px 4px 4px rgb(246, 249,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 91.3754, 0.3422, 0.3816 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, 197) }
```

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

```
.background{ background-color: rgb(246,  
249, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor