

Converting Colors

$Yxy(92.6465, 0.3434, 0.3822)$

Have a look what the booklet for
Yxy(92.6465, 0.3434, 0.3822)
contains.

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Color

Yxy(92.3589, 0.3434, 0.3823)

Conversions

Conversions Part 1

Format	Color
Hex	F8FAC5
RGB	248, 250, 197
RGB Percent	97%, 98%, 77%
CMY	0.0276, 0.0195, 0.2275
CMYK	0.01, 0.00, 0.21, 0.02
HSL	62°, 84%, 88%
HSV	62°, 21%, 98%
XYZ	82.9611, 92.3589, 66.2675
YIQ	243.3600, 15.8210, -16.9070

Conversions

Conversions Part 2

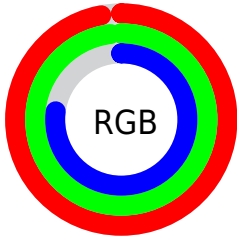
Format	Color
R_{YB}	197, 250, 199
Decimal	16317125
CIE _{Lab}	96.97, -9.09, 25.28
CIE _{LCh}	97, 26.864, 109.769
Yxy	92.3589, 0.3434, 0.3823
Android (android.graphics.Color)	4294507205 (0xFFFF8FAC5)
YUV	243.3600, -22.8555, 4.0693
Hunter-Lab	96.1035, -14.0915, 26.3895

Details

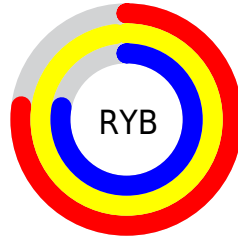
The Yxy color **92.3589, 0.3434, 0.3823** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **58.9784, 0.2783, 0.2700**, and the grayscale version is **90.1022, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.9358, 0.3133, 0.3300**, and **51.6431, 0.3493, 0.3945** is the 20% darker color. If you saturate the color by 10%, you get **91.1327, 0.3579, 0.4077**, and if you desaturate by 10%, it is **93.7843, 0.3288, 0.3568**.

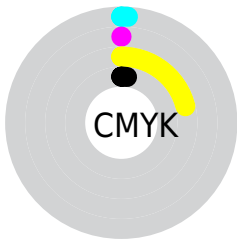
Distribution



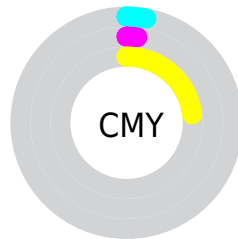
- Red (97%)
- Green (98%)
- Blue (77%)



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



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





- Cyan (3%)
- Magenta (2%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 92.3589, 0.3434, 0.3823 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 92.3589, 0.3434, 0.3823 by changing the saturation by 10% instead.

 92.3589, 0.3434,
0.3823

 92.3589, 0.3434,
0.3823


535.6748, 0.3301,
0.3583

 69.9388, 0.3462,
0.3876

150.6107, 0.3390,
0.3741

 51.4766, 0.3496,
0.3940

187.2112, 0.3372,
0.3709

 36.5881, 0.3537,
0.4020

229.3072, 0.3356,
0.3681

 24.8887, 0.3588,
0.4122

277.2832, 0.3343,
0.3657

 15.9942, 0.3652,
0.4256

331.5236, 0.3330,
0.3635

 9.5200, 0.3734,
0.4438

392.4127, 0.3319,

 5.0819, 0.3840,

0.3616

0.4698

460.3350, 0.3310,
0.3599

■ 2.2954, 0.4102,
0.5262

■ 0.7713, 0.3986,
0.6014

■ 92.3589, 0.3434,
0.3823

■ 92.3589, 0.3434,
0.3823

■ 91.1327, 0.3579,
0.4077

■ 93.7843, 0.3288,
0.3568

■ 90.0841, 0.3716,
0.4322


■ 95.4053, 0.3144,
0.3319

■ 89.2069, 0.3841,
0.4546

■ 96.0910, 0.3104,
0.3242

■ 88.4901, 0.3947,
0.4741


■ 96.2724, 0.3110,
0.3242

 87.9210, 0.4029,
0.4897

 96.4547, 0.3116,
0.3242

 87.4854, 0.4086,
0.5009

 96.6379, 0.3122,
0.3242

 87.1661, 0.4116,
0.5077

 96.8221, 0.3128,
0.3243

 86.9578, 0.4124,
0.5107

 96.8645, 0.3129,
0.3243

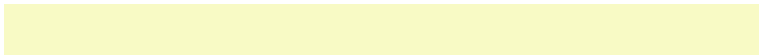
Harmonies

Analogous

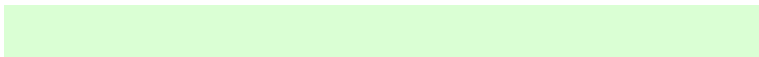
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



92.3589, 0.3650, 0.3729



92.3589, 0.3434, 0.3823



92.3589, 0.3142, 0.3762

Triad

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



92.3589, 0.3434, 0.3823



92.3589, 0.2565, 0.3010



92.3589, 0.3391, 0.3044

Complementary

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



92.3589, 0.3434, 0.3823



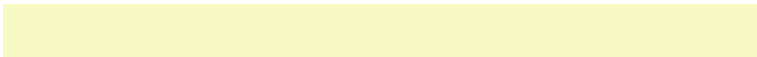
58.9784, 0.2783, 0.2700

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.



92.3589, 0.3089, 0.2872



92.3589, 0.3434, 0.3823



92.3589, 0.2623, 0.2843

Square

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



92.3589, 0.3434, 0.3823



92.3589, 0.2648, 0.3270



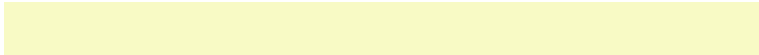
92.3589, 0.2810, 0.2797



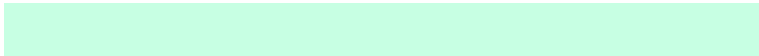
92.3589, 0.3628, 0.3279

Rectangle

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



92.3589, 0.3434, 0.3823



92.3589, 0.2946, 0.3635



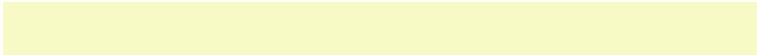
92.3589, 0.2810, 0.2797



92.3589, 0.3293, 0.2978

Sweetspot

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



92.3630, 0.3434, 0.3823



98.9405, 0.3212, 0.3437



65.0916, 0.3553, 0.3310



21.1537, 0.3222, 0.3454



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

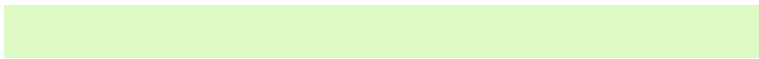
The Same Dimension uses a secret algorithm to generate beautiful new colors.



92.3630, 0.3434, 0.3823



96.0843, 0.3490, 0.3921



87.9028, 0.3258, 0.3854



20.1542, 0.3263, 0.3525



46.1316, 0.4125, 0.5106



4.2830, 0.4134, 0.5100

Inverse Universe

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



58.9784, 0.2783, 0.2700



56.0251, 0.2712, 0.2579



62.8802, 0.2969, 0.2731



16.6753, 0.2985, 0.3045



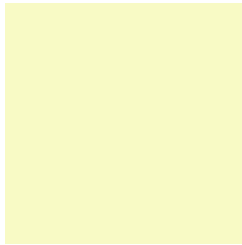
3.7086, 0.1512, 0.0606



0.3545, 0.1540, 0.0622

Previews

White Background



This preview shows how the Yxy color 92.3589, 0.3434, 0.3823 looks on a white background.

Color Contrast Check

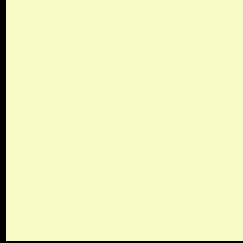
Large Text (above 18pt) WCAG AA × Fail

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 92.3589, 0.3434, 0.3823 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

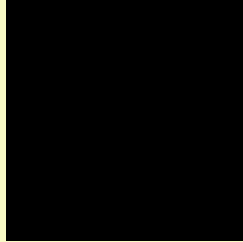
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 92.3589, 0.3434, 0.3823

Background



This preview shows how black text looks on a background with the Yxy color 92.3589, 0.3434, 0.3823.

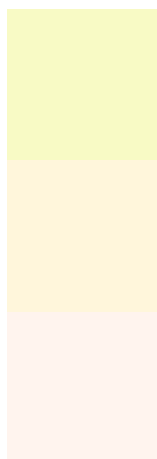


This preview shows how white text looks on a background with the Yxy color 92.3589, 0.3434, 0.3823.

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

92.3589, 0.3434, 0.3823

Protanopia

92.2860, 0.3352, 0.3556

Deuteranopia

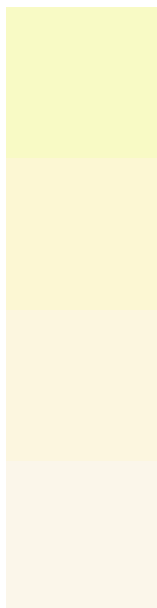
92.1344, 0.3236, 0.3349



Tritanopia

92.0166, 0.3113, 0.3174

Trichromacy



Original Color

92.3589, 0.3434, 0.3823

Protanomaly

91.9201, 0.3380, 0.3648

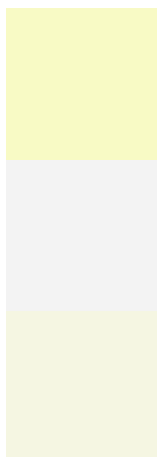
Deuteranomaly

91.9347, 0.3307, 0.3518

Tritanomaly

92.3613, 0.3232, 0.3408

Monochromacy



Original Color

92.3589, 0.3434, 0.3823

Achromatopsia

89.6269, 0.3127, 0.3290

Achromatomaly

90.8150, 0.3241, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 92.3589, 0.3434, 0.3823 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(248, 250, 197)` looks like.

```
.text, #text, p{  
    color:rgb(248, 250, 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(248, 250, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 250, 197) }
```

Border

The CSS property to change the border of an element to Yxy 92.3589, 0.3434, 0.3823 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(248, 250, 197) }
```

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

```
.border{ border-color:rgb(248, 250, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 250, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 250, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 250, 197);  
box-shadow:4px 4px 4px 4px rgb(248, 250,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 92.3589, 0.3434, 0.3823 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 250, 197) }
```

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

```
.background{ background-color: rgb(248,  
250, 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](#).

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