

Converting Colors

$Yxy(89.3425, 0.3474, 0.3902)$

Have a look what the booklet for
Yxy(89.3425, 0.3474, 0.3902)
contains.

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Color

Yxy(89.3425, 0.3474, 0.3902)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | F4F7BB |
| RGB | 244, 247, 187 |
| RGB Percent | 96%, 97%, 73% |
| CMY | 0.0431, 0.0314, 0.2666 |
| CMYK | 0.01, 0.00, 0.24, 0.03 |
| HSL | 63°, 79%, 85% |
| HSV | 63°, 24%, 97% |
| XYZ | 79.5428, 89.3425, 60.0807 |
| YIQ | 239.2630, 17.4720, -19.2960 |

Conversions

Conversions Part 2

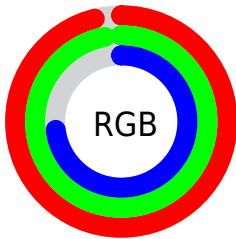
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 187, 247, 190 |
| Decimal | 16054203 |
| CIE _{Lab} | 95.72, -10.38, 28.58 |
| CIE _{LCh} | 96, 30.412, 109.961 |
| Yxy | 89.3425, 0.3474, 0.3902 |
| Android (android.graphics.Color) | 4294244283 (0xFFFF4F7BB) |
| YUV | 239.2630, -25.7657, 4.1543 |
| Hunter-Lab | 94.5212, -15.1982, 28.4782 |

Details

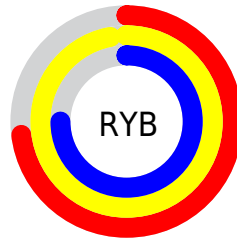
The Yxy color **89.3425, 0.3474, 0.3902** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **53.2181, 0.2731, 0.2604**, and the grayscale version is **86.7312, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2511, 0.3197, 0.3405**, and **49.5199, 0.3544, 0.4048** is the 20% darker color. If you saturate the color by 10%, you get **88.1578, 0.3615, 0.4155**, and if you desaturate by 10%, it is **90.7186, 0.3330, 0.3646**.

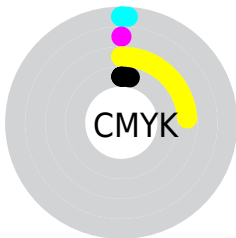
Distribution



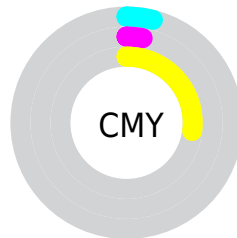
- Red (96%)
- Green (97%)
- Blue (73%)



- Red (73%)
- Yellow (97%)
- Blue (75%)



- Cyan (1%)
- Magenta (0%)
- Yellow (24%)
- Black (3%)



- Cyan (4%)
- Magenta (3%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 89.3425, 0.3474, 0.3902 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 89.3425, 0.3474, 0.3902 by changing the saturation by 10% instead.


 89.3425, 0.3474,
0.3902

 89.3425, 0.3474,
0.3902

525.8897, 0.3323,
0.3625

 67.4354, 0.3506,
0.3963

 146.4248, 0.3424,
0.3807

 49.4386, 0.3544,
0.4038


182.3688, 0.3404,
0.3770

 34.9675, 0.3590,
0.4132


223.7605, 0.3386,
0.3738

 23.6379, 0.3646,
0.4250

270.9845, 0.3371,
0.3710

 15.0652, 0.3717,
0.4406

324.4249, 0.3357,
0.3685

 8.8652, 0.3804,
0.4618

384.4664, 0.3345,

 4.6533, 0.3910,

0.3663

0.4918

451.4932, 0.3333,
0.3643

■ 2.0453, 0.4286,
0.5714

■ 0.6336, 0.3550,
0.6450

■ 89.3425, 0.3474,
0.3902

■ 89.3425, 0.3474,
0.3902

■ 88.1578, 0.3615,
0.4155

■ 90.7186, 0.3330,
0.3646

■ 87.1433, 0.3747,
0.4396


■ 92.2827, 0.3187,
0.3395

■ 86.2928, 0.3865,
0.4614


■ 93.6460, 0.3085,
0.3212

■ 85.5950, 0.3962,
0.4800


■ 93.8718, 0.3092,
0.3213

 85.0375, 0.4035,
0.4945


 94.0991, 0.3100,
0.3213


 84.6055, 0.4081,
0.5046

 94.3279, 0.3108,
0.3213

 84.2811, 0.4102,
0.5104

 94.5582, 0.3116,
0.3213

 84.1290, 0.4105,
0.5123

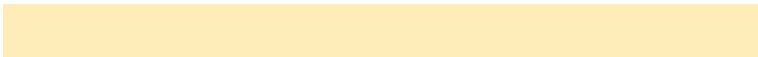
 94.7899, 0.3124,
0.3213

 95.0029, 0.3131,
0.3214

Harmonies

Analogous

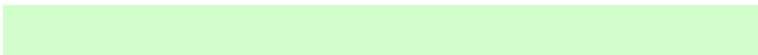
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



89.3425, 0.3723, 0.3791



89.3425, 0.3474, 0.3902



89.3425, 0.3140, 0.3833

Triad

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



89.3425, 0.3474, 0.3902



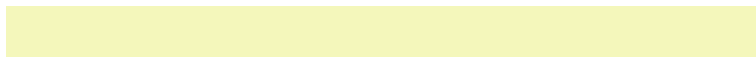
89.3425, 0.2489, 0.2965



89.3425, 0.3431, 0.3012

Complementary

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



89.3425, 0.3474, 0.3902



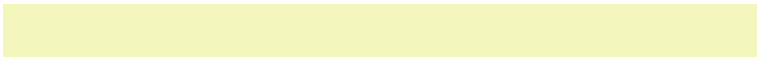
53.2181, 0.2731, 0.2604

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.



89.3425, 0.3084, 0.2816



89.3425, 0.3474, 0.3902



89.3425, 0.2555, 0.2778

Square

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



89.3425, 0.3474, 0.3902



89.3425, 0.2580, 0.3262



89.3425, 0.2767, 0.2731



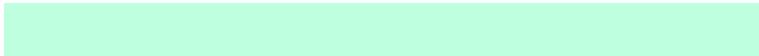
89.3425, 0.3702, 0.3276

Rectangle

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



89.3425, 0.3474, 0.3902



89.3425, 0.2916, 0.3686



89.3425, 0.2767, 0.2731



89.3425, 0.3318, 0.2937

Sweetspot

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



89.3465, 0.3474, 0.3902



98.7346, 0.3226, 0.3462



59.7705, 0.3632, 0.3313



21.1110, 0.3234, 0.3478



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

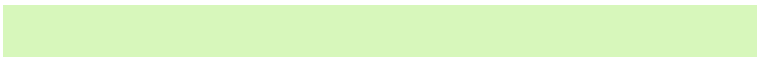
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.3465, 0.3474, 0.3902



95.4247, 0.3542, 0.4024



84.5615, 0.3276, 0.3943



19.2690, 0.3261, 0.3524



44.5113, 0.4106, 0.5121



3.9248, 0.4118, 0.5112

Inverse Universe

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



53.2181, 0.2731, 0.2604



50.5703, 0.2639, 0.2448



57.3304, 0.2942, 0.2644



15.9662, 0.2987, 0.3046



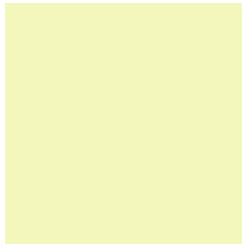
3.6115, 0.1515, 0.0608



0.3310, 0.1554, 0.0629

Previews

White Background



This preview shows how the Yxy color 89.3425, 0.3474, 0.3902 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 89.3425, 0.3474, 0.3902 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

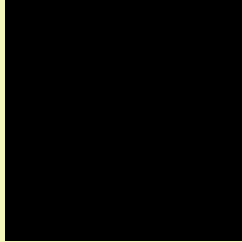
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 89.3425, 0.3474, 0.3902

Background



This preview shows how black text looks on a background with the Yxy color 89.3425, 0.3474, 0.3902.

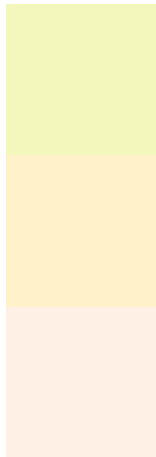


This preview shows how white text looks on a background with the Yxy color 89.3425, 0.3474, 0.3902.

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

89.3425, 0.3474, 0.3902

Protanopia

89.0285, 0.3466, 0.3689

Deuteranopia

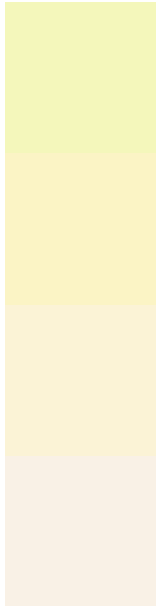
89.2373, 0.3296, 0.3399



Tritanopia

89.0645, 0.3115, 0.3126

Trichromacy



Original Color

89.3425, 0.3474, 0.3902

Protanomaly

89.2418, 0.3466, 0.3763

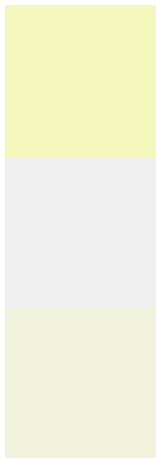
Deuteranomaly

89.4655, 0.3360, 0.3580

Tritanomaly

88.7635, 0.3248, 0.3400

Monochromacy



Original Color

89.3425, 0.3474, 0.3902

Achromatopsia

86.3157, 0.3127, 0.3290

Achromatomaly

87.3723, 0.3256, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 89.3425, 0.3474, 0.3902 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(244, 247, 187)` looks like.

```
.text, #text, p{  
    color:rgb(244, 247, 187)  
}
```

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(244, 247, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 247, 187) }
```

Border

The CSS property to change the border of an element to Yxy 89.3425, 0.3474, 0.3902 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(244, 247, 187) }
```

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

```
.border{ border-color:rgb(244, 247, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 247, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 247, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 247, 187);  
box-shadow:4px 4px 4px 4px rgb(244, 247,  
187) }
```


Background

The CSS property to change the background color of an element to Yxy 89.3425, 0.3474, 0.3902 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 247, 187) }
```

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

```
.background{ background-color: rgb(244,  
247, 187) }
```

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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