

Converting Colors

$Yxy(84.2411, 0.3471, 0.3819)$

Have a look what the booklet for
Yxy(84.2411, 0.3471, 0.3819)
contains.

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Color

Yxy(84.2411, 0.3471, 0.3819)

Conversions

Conversions Part 1

Format	Color
Hex	F2EFBC
RGB	242, 239, 188
RGB Percent	95%, 94%, 74%
CMY	0.0509, 0.0627, 0.2629
CMYK	0.00, 0.01, 0.22, 0.05
HSL	57°, 68%, 84%
HSV	57°, 22%, 95%
XYZ	76.5648, 84.2411, 59.7783
YIQ	234.0830, 18.1590, -15.2250

Conversions

Conversions Part 2

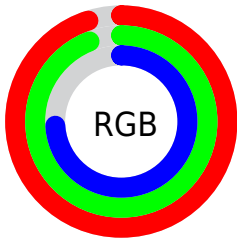
Format	Color
R_{YB}	191, 242, 188
Decimal	15921084
CIE _{Lab}	93.56, -6.99, 25.12
CIE _{LCh}	94, 26.077, 105.552
Y _{xy}	84.2411, 0.3471, 0.3819
Android (android.graphics.Color)	4294111164 (0xFFF2EFBC)
YUV	234.0830, -22.7189, 6.9432
Hunter-Lab	91.7830, -11.7166, 25.6324

Details

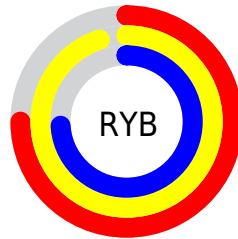
The Yxy color **84.2411, 0.3471, 0.3819** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **54.3546, 0.2751, 0.2700**, and the grayscale version is **82.5132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3117, 0.3191, 0.3396**, and **45.9025, 0.3544, 0.3944** is the 20% darker color. If you saturate the color by 10%, you get **82.4971, 0.3629, 0.4058**, and if you desaturate by 10%, it is **86.1736, 0.3314, 0.3579**.

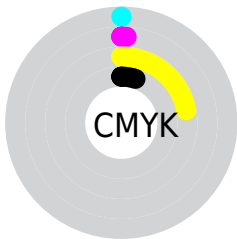
Distribution



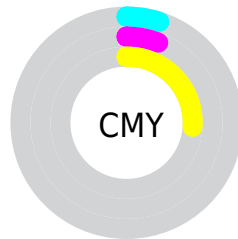
- Red (95%)
- Green (94%)
- Blue (74%)



- Red (75%)
- Yellow (95%)
- Blue (74%)



- Cyan (0%)
- Magenta (1%)
- Yellow (22%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 84.2411, 0.3471, 0.3819 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 84.2411, 0.3471, 0.3819 by changing the saturation by 10% instead.

84.2411, 0.3471,
0.3819

84.2411, 0.3471,
0.3819

509.1135, 0.3319,
0.3578

63.2145, 0.3504,
0.3873

139.3124, 0.3420,
0.3736

46.0148, 0.3544,
0.3939

174.1259, 0.3399,
0.3704

32.2575, 0.3593,
0.4021

214.3038, 0.3381,
0.3676

21.5582, 0.3654,
0.4126

260.2305, 0.3366,
0.3651

13.5327, 0.3732,
0.4266

312.2905, 0.3352,
0.3630

7.7964, 0.3834,
0.4458

370.8680, 0.3340,

3.9649, 0.3968,

0.3611

0.4733

436.3476, 0.3329,
0.3593

■ 1.6540, 0.4452,
0.5548

■ 0.3936, 0.3407,
0.6593

■ 84.2411, 0.3471,
0.3819

■ 84.2411, 0.3471,
0.3819

■ 82.4971, 0.3629,
0.4058

■ 86.1736, 0.3314,
0.3579

■ 80.9216, 0.3782,
0.4286

■ 88.2914, 0.3162,
0.3344

■ 79.5088, 0.3924,
0.4493

■ 90.2421, 0.3050,
0.3173

■ 78.2483, 0.4048,
0.4671

■ 91.0562, 0.3049,
0.3186

 77.1284, 0.4150,
0.4809

 91.8762, 0.3049,
0.3199

 76.1357, 0.4226,
0.4905


 92.7023, 0.3049,
0.3213

 75.2538, 0.4274,
0.4956

 93.5344, 0.3049,
0.3226

 74.6340, 0.4296,
0.4971

 94.3725, 0.3049,
0.3239

 95.2167, 0.3048,
0.3253

Harmonies

Analogous

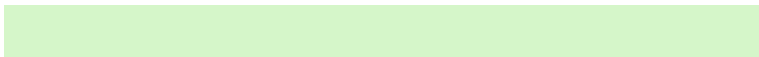
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.2411, 0.3670, 0.3706



84.2411, 0.3471, 0.3819



84.2411, 0.3185, 0.3781

Triad

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



84.2411, 0.3471, 0.3819



84.2411, 0.2568, 0.3041



84.2411, 0.3351, 0.3015

Complementary

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



84.2411, 0.3471, 0.3819



54.3546, 0.2751, 0.2700

Split Complementary

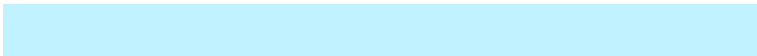
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.2411, 0.3047, 0.2854



84.2411, 0.3471, 0.3819



84.2411, 0.2606, 0.2859

Square

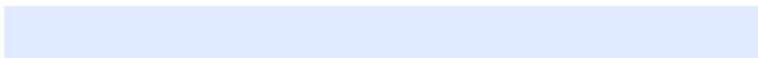
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



84.2411, 0.3471, 0.3819



84.2411, 0.2670, 0.3310



84.2411, 0.2777, 0.2796



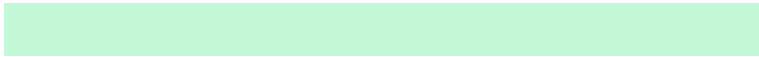
84.2411, 0.3602, 0.3244

Rectangle

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



84.2411, 0.3471, 0.3819



84.2411, 0.2986, 0.3667



84.2411, 0.2777, 0.2796



84.2411, 0.3251, 0.2952

Sweetspot

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



84.2449, 0.3471, 0.3819



98.2674, 0.3232, 0.3453



58.6182, 0.3555, 0.3252



21.0024, 0.3241, 0.3467



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

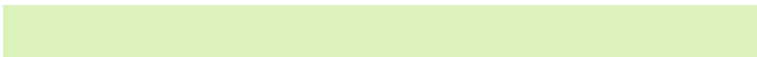
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.2449, 0.3471, 0.3819



93.8975, 0.3546, 0.3933



82.1474, 0.3302, 0.3879



18.2985, 0.3270, 0.3511



40.1526, 0.4294, 0.4972



3.3862, 0.4280, 0.4984

Inverse Universe

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



54.3546, 0.2751, 0.2700



54.5063, 0.2659, 0.2554



56.2686, 0.2919, 0.2693



15.3706, 0.2979, 0.3060



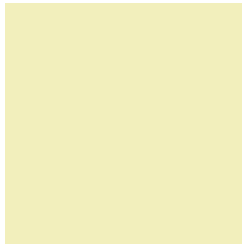
3.6670, 0.1510, 0.0635



0.3547, 0.1535, 0.0726

Previews

White Background



This preview shows how the Yxy color 84.2411, 0.3471, 0.3819 looks on a white background.

Color Contrast Check

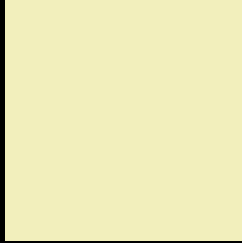
Large Text (above 18pt) WCAG AA × Fail

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 84.2411, 0.3471, 0.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

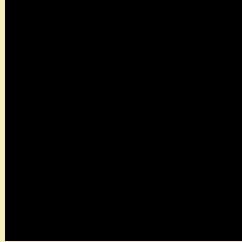
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 84.2411, 0.3471, 0.3819

Background



This preview shows how black text looks on a background with the Yxy color 84.2411, 0.3471, 0.3819.

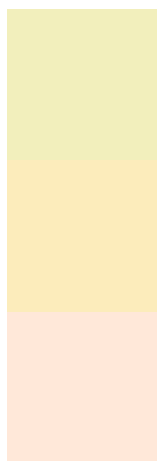


This preview shows how white text looks on a background with the Yxy color 84.2411, 0.3471, 0.3819.

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

84.2411, 0.3471, 0.3819

Protanopia

84.2742, 0.3556, 0.3788

Deuteranopia

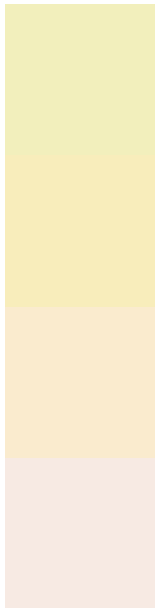
83.9830, 0.3385, 0.3440



Tritanopia

84.3154, 0.3142, 0.3113

Trichromacy



Original Color

84.2411, 0.3471, 0.3819

Protanomaly

84.1127, 0.3524, 0.3802

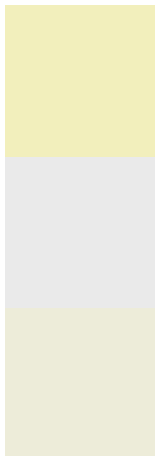
Deuteranomaly

84.1969, 0.3418, 0.3585

Tritanomaly

84.1658, 0.3260, 0.3361

Monochromacy



Original Color

84.2411, 0.3471, 0.3819

Achromatopsia

82.2786, 0.3127, 0.3290

Achromatomaly

83.0052, 0.3254, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.2411, 0.3471, 0.3819 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(242, 239, 188)` looks like.

```
.text, #text, p{  
    color:rgb(242, 239, 188)  
}
```

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(242, 239, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 239, 188) }
```

Border

The CSS property to change the border of an element to Yxy 84.2411, 0.3471, 0.3819 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(242, 239, 188) }
```

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

```
.border{ border-color:rgb(242, 239, 188) }
```

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

Here you see how a box with a 4 pixel rgb(242, 239, 188) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 239, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 239, 188);  
box-shadow:4px 4px 4px 4px rgb(242, 239,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 84.2411, 0.3471, 0.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 239, 188) }
```

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

```
.background{ background-color: rgb(242,  
239, 188) }
```

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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