

Converting Colors

Yxy(84.0660, 0.3426, 0.3966)

Have a look what the booklet for
Yxy(84.0660, 0.3426, 0.3966)
contains.

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Color

Yxy(84.0139, 0.3427, 0.3971)

Conversions

Conversions Part 1

Format	Color
Hex	E5F3B3
RGB	229, 243, 179
RGB Percent	90%, 95%, 70%
CMY	0.1019, 0.0471, 0.2980
CMYK	0.06, 0.00, 0.26, 0.05
HSL	73°, 73%, 83%
HSV	73°, 26%, 95%
XYZ	72.5046, 84.0139, 55.0502
YIQ	231.5180, 12.2000, -22.8720

Conversions

Conversions Part 2

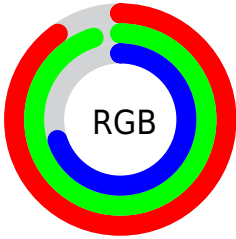
Format	Color
RYB	179, 243, 193
Decimal	15070131
CIELab	93.46, -14.94, 29.39
CIELCh	93, 32.968, 116.947
Yxy	84.0139, 0.3427, 0.3971
Android (android.graphics.Color)	4293260211 (0xFFE5F3B3)
YUV	231.5180, -25.8914, -2.2083
Hunter-Lab	91.6591, -19.2056, 28.5520

Details

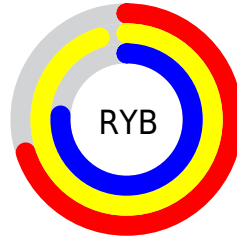
The Yxy color **84.0139, 0.3427, 0.3971** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **50.0559, 0.2771, 0.2555**, and the grayscale version is **80.5117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.7782, 0.3244, 0.3483**, and **45.9312, 0.3485, 0.4128** is the 20% darker color. If you saturate the color by 10%, you get **82.2587, 0.3536, 0.4240**, and if you desaturate by 10%, it is **85.9766, 0.3313, 0.3704**.

Distribution



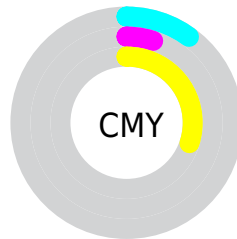
- Red (90%)
- Green (95%)
- Blue (70%)



- Red (70%)
- Yellow (95%)
- Blue (76%)



- Cyan (6%)
- Magenta (0%)
- Yellow (26%)
- Black (5%)





- Cyan (10%)
- Magenta (5%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 84.0139, 0.3427, 0.3971 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 84.0139, 0.3427, 0.3971 by changing the saturation by 10% instead.

 84.0139, 0.3427,
0.3971

 84.0139, 0.3427,
0.3971

508.3594, 0.3298,
0.3657

 63.0269, 0.3454,
0.4042


 138.9946, 0.3384,
0.3862

 45.8630, 0.3486,
0.4129


173.7571, 0.3367,
0.3820

 32.1377, 0.3524,
0.4239


213.8803, 0.3352,
0.3784

 21.4667, 0.3571,
0.4380

259.7485, 0.3338,
0.3752

 13.4656, 0.3626,
0.4568

311.7461, 0.3326,
0.3724

 7.7499, 0.3691,
0.4829

370.2575, 0.3316,

 3.9353, 0.3761,

0.3699

0.5215

435.6672, 0.3306,
0.3677

■ 1.6375, 0.3950,
0.6050

■ 0.3827, 0.0000,
1.0000

■ 84.0139, 0.3427,
0.3971

■ 84.0139, 0.3427,
0.3971

■ 82.2587, 0.3536,
0.4240

■ 85.9766, 0.3313,
0.3704

■ 80.6904, 0.3634,
0.4502

■ 88.1442, 0.3199,
0.3446

■ 79.3026, 0.3717,
0.4745

■ 90.5286, 0.3086,
0.3203

■ 78.0842, 0.3779,
0.4958

■ 91.6947, 0.3102,
0.3174

■ 77.0223, 0.3816,
0.5132

■ 92.5821, 0.3133,
0.3175

■ 76.1022, 0.3828,
0.5259

■ 75.3055, 0.3814,
0.5339

■ 75.0335, 0.3805,
0.5361

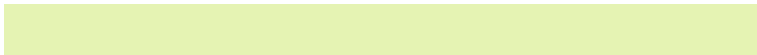
Harmonies

Analogous

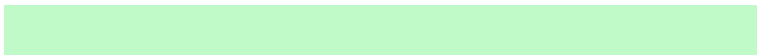
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.0139, 0.3734, 0.3885



84.0139, 0.3427, 0.3971



84.0139, 0.3051, 0.3847

Triad

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



84.0139, 0.3427, 0.3971



84.0139, 0.2426, 0.2868



84.0139, 0.3544, 0.3046

Complementary

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



84.0139, 0.3427, 0.3971



50.0559, 0.2771, 0.2555

Split Complementary

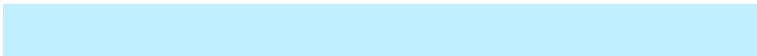
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.0139, 0.3169, 0.2810



84.0139, 0.3427, 0.3971



84.0139, 0.2538, 0.2700

Square

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



84.0139, 0.3427, 0.3971



84.0139, 0.2486, 0.3172



84.0139, 0.2802, 0.2685



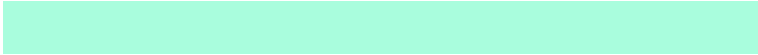
84.0139, 0.3811, 0.3345

Rectangle

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



84.0139, 0.3427, 0.3971



84.0139, 0.2814, 0.3657



84.0139, 0.2802, 0.2685



84.0139, 0.3425, 0.2958

Sweetspot

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



84.0176, 0.3427, 0.3971



97.9190, 0.3218, 0.3489



60.3970, 0.3655, 0.3442



20.8787, 0.3235, 0.3527



0.0000, 0.0000, 0.0000



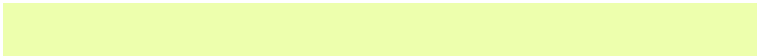
21.4041, 0.3127, 0.3290

Same Dimension

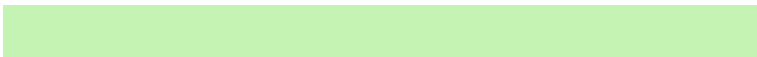
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.0176, 0.3427, 0.3971



92.5849, 0.3490, 0.4126



79.2474, 0.3209, 0.4020



19.1202, 0.3235, 0.3526



41.2422, 0.3811, 0.5356



3.6689, 0.3861, 0.5316

Inverse Universe

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



50.0559, 0.2771, 0.2555



48.3682, 0.2677, 0.2370



54.7049, 0.3014, 0.2605



16.1013, 0.3013, 0.3048



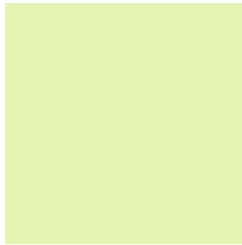
4.0167, 0.1614, 0.0663



0.3964, 0.1729, 0.0726

Previews

White Background



This preview shows how the Yxy color 84.0139, 0.3427, 0.3971 looks on a white background.

Color Contrast Check

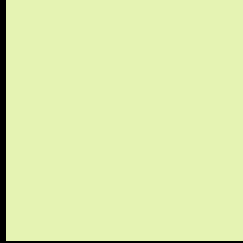
Large Text (above 18pt) WCAG AA × Fail

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 84.0139, 0.3427, 0.3971 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

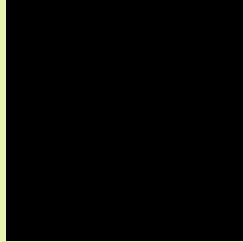
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

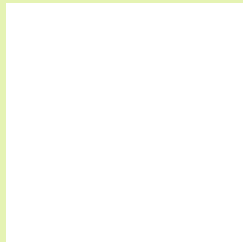
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 84.0139, 0.3427, 0.3971

Background



This preview shows how black text looks on a background with the Yxy color 84.0139, 0.3427, 0.3971.

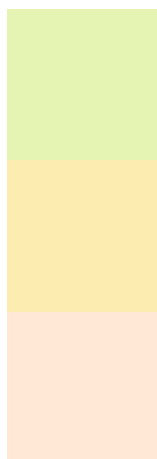


This preview shows how white text looks on a background with the Yxy color 84.0139, 0.3427, 0.3971.

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

84.0139, 0.3427, 0.3971

Protanopia

84.0081, 0.3635, 0.3898

Deuteranopia

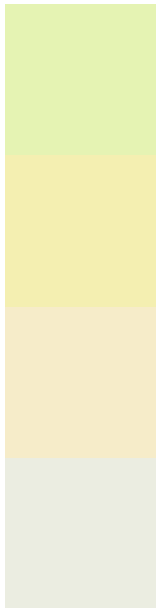
83.8283, 0.3405, 0.3471



Tritanopia

83.6568, 0.3050, 0.3100

Trichromacy



Original Color

84.0139, 0.3427, 0.3971

Protanomaly

84.1404, 0.3555, 0.3930

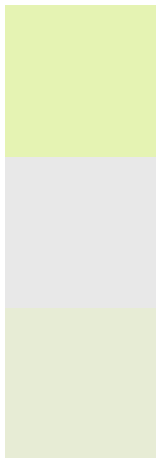
Deuteranomaly

83.8008, 0.3420, 0.3649

Tritanomaly

83.6668, 0.3188, 0.3414

Monochromacy



Original Color

84.0139, 0.3427, 0.3971

Achromatopsia

80.6952, 0.3127, 0.3290

Achromatomaly

81.7839, 0.3238, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 84.0139, 0.3427, 0.3971 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(229, 243, 179)` looks like.

```
.text, #text, p{  
    color:rgb(229, 243, 179)  
}
```

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(229, 243, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 243, 179) }
```

Border

The CSS property to change the border of an element to Yxy 84.0139, 0.3427, 0.3971 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(229, 243, 179) }
```

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

```
.border{ border-color:rgb(229, 243, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 243, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 243, 179); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 243, 179); box-shadow:4px 4px 4px 4px rgb(229, 243, 179) }
```


Background

The CSS property to change the background color of an element to Yxy 84.0139, 0.3427, 0.3971 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 243, 179) }
```

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

```
.background{ background-color: rgb(229,  
243, 179) }
```

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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