

Converting Colors

$Yxy(87.1151, 0.3399, 0.3841)$

Have a look what the booklet for
Yxy(87.1151, 0.3399, 0.3841)
contains.

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Color

Yxy(87.1151, 0.3399, 0.3841)

Conversions

Conversions Part 1

Format	Color
Hex	EDF5C0
RGB	237, 245, 192
RGB Percent	93%, 96%, 75%
CMY	0.0706, 0.0392, 0.2472
CMYK	0.03, 0.00, 0.22, 0.04
HSL	69°, 73%, 86%
HSV	69°, 22%, 96%
XYZ	77.0904, 87.1151, 62.5977
YIQ	236.5660, 12.2450, -18.1790

Conversions

Conversions Part 2

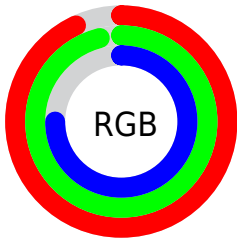
Format	Color
RYB	192, 245, 200
Decimal	15594944
CIELab	94.79, -11.24, 24.71
CIELCh	95, 27.147, 114.458
Yxy	87.1151, 0.3399, 0.3841
Android (android.graphics.Color)	4293785024 (0xFFEDF5C0)
YUV	236.5660, -21.9710, 0.3806
Hunter-Lab	93.3355, -15.9051, 25.5706

Details

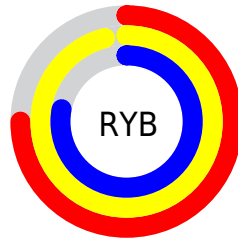
The Yxy color **87.1151, 0.3399, 0.3841** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **56.5494, 0.2818, 0.2694**, and the grayscale version is **84.5032, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6196, 0.3162, 0.3347**, and **48.0539, 0.3458, 0.3971** is the 20% darker color. If you saturate the color by 10%, you get **85.4926, 0.3523, 0.4105**, and if you desaturate by 10%, it is **88.9392, 0.3272, 0.3581**.

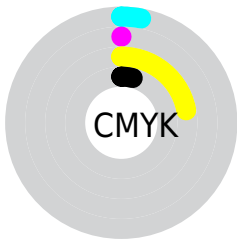
Distribution



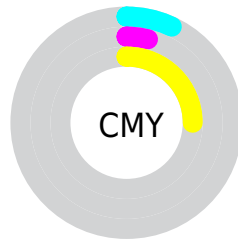
- Red (93%)
- Green (96%)
- Blue (75%)



- Red (75%)
- Yellow (96%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (22%)
- Black (4%)





- Cyan (7%)
- Magenta (4%)
- Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 87.1151, 0.3399, 0.3841 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 87.1151, 0.3399, 0.3841 by changing the saturation by 10% instead.


 87.1151, 0.3399,
0.3841

 87.1151, 0.3399,
0.3841

518.6010, 0.3281,
0.3590

 65.5905, 0.3424,
0.3897

 143.3246, 0.3359,
0.3755

 47.9400, 0.3454,
0.3966

178.7782, 0.3344,
0.3721

 33.7794, 0.3491,
0.4053


219.6436, 0.3330,
0.3691

 22.7242, 0.3536,
0.4164

266.3051, 0.3318,
0.3666

 14.3900, 0.3593,
0.4312

319.1473, 0.3307,
0.3643

 8.3924, 0.3665,
0.4516

378.5543, 0.3297,

 4.3470, 0.3754,

0.3623

0.4815

444.9108, 0.3288,
0.3606

■ 1.8695, 0.4145,
0.5688

■ 0.5300, 0.3020,
0.6980

■ 87.1151, 0.3399,
0.3841

■ 87.1151, 0.3399,
0.3841

■ 85.4926, 0.3523,
0.4105

■ 88.9392, 0.3272,
0.3581

■ 84.0511, 0.3639,
0.4362

■ 90.9617, 0.3147,
0.3330

■ 82.7847, 0.3743,
0.4604

■ 92.5019, 0.3088,
0.3193

■ 81.6826, 0.3828,
0.4820

■ 93.1841, 0.3111,
0.3194

■ 80.7329, 0.3889,
0.4998

■ 93.7888, 0.3132,
0.3194

■ 79.9216, 0.3924,
0.5133

■ 79.2322, 0.3933,
0.5221

■ 78.7284, 0.3925,
0.5266

Harmonies

Analogous

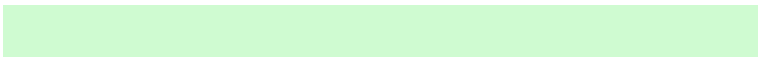
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.1151, 0.3639, 0.3766



87.1151, 0.3399, 0.3841



87.1151, 0.3094, 0.3752

Triad

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



87.1151, 0.3399, 0.3841



87.1151, 0.2549, 0.2966



87.1151, 0.3444, 0.3072

Complementary

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



87.1151, 0.3399, 0.3841



56.5494, 0.2818, 0.2694

Split Complementary

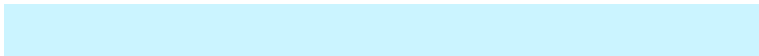
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1151, 0.3137, 0.2882



87.1151, 0.3399, 0.3841



87.1151, 0.2630, 0.2814

Square

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



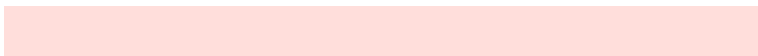
87.1151, 0.3399, 0.3841



87.1151, 0.2612, 0.3223



87.1151, 0.2841, 0.2787



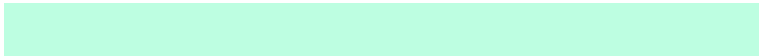
87.1151, 0.3669, 0.3318

Rectangle

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



87.1151, 0.3399, 0.3841



87.1151, 0.2896, 0.3608



87.1151, 0.2841, 0.2787



87.1151, 0.3346, 0.3000

Sweetspot

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



87.1190, 0.3399, 0.3841



98.6186, 0.3202, 0.3438



64.4887, 0.3550, 0.3376



21.0773, 0.3210, 0.3454



0.0000, 0.0000, 0.0000



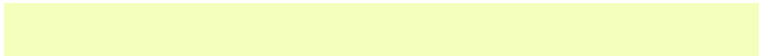
21.4041, 0.3127, 0.3290

Same Dimension

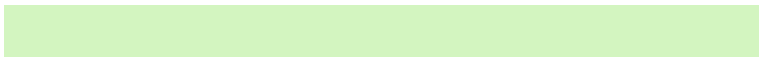
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.1190, 0.3399, 0.3841



94.5943, 0.3454, 0.3957



82.8921, 0.3219, 0.3873



19.1796, 0.3245, 0.3525



42.4587, 0.3930, 0.5262



3.7653, 0.3965, 0.5234

Inverse Universe

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



56.5494, 0.2818, 0.2694



55.5868, 0.2744, 0.2556



60.5157, 0.3012, 0.2727



16.0466, 0.3003, 0.3047



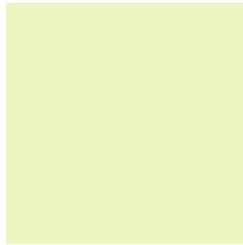
3.7994, 0.1562, 0.0634



0.3692, 0.1658, 0.0687

Previews

White Background



This preview shows how the Yxy color 87.1151, 0.3399, 0.3841 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 87.1151, 0.3399, 0.3841 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

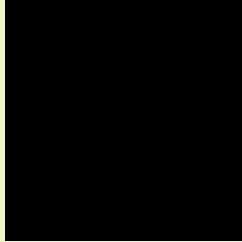
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

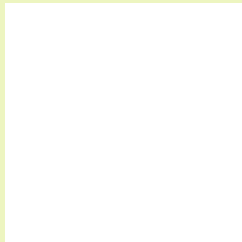
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 87.1151, 0.3399, 0.3841

Background



This preview shows how black text looks on a background with the Yxy color 87.1151, 0.3399, 0.3841.

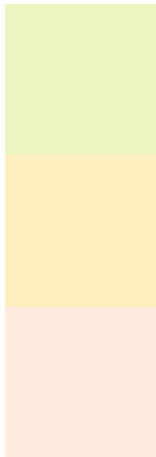


This preview shows how white text looks on a background with the Yxy color 87.1151, 0.3399, 0.3841.

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

87.1151, 0.3399, 0.3841

Protanopia

86.7107, 0.3550, 0.3782

Deuteranopia

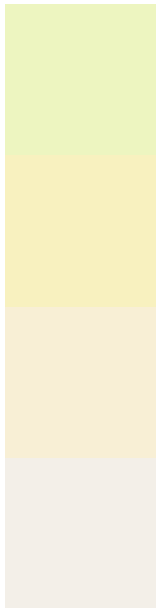
86.6871, 0.3326, 0.3399



Tritanopia

86.8037, 0.3077, 0.3104

Trichromacy



Original Color

87.1151, 0.3399, 0.3841

Protanomaly

86.6286, 0.3490, 0.3799

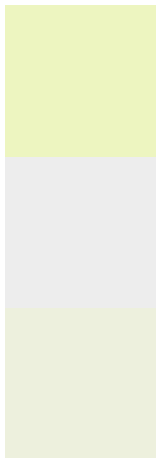
Deuteranomaly

86.4936, 0.3352, 0.3553

Tritanomaly

86.6139, 0.3197, 0.3361

Monochromacy



Original Color

87.1151, 0.3399, 0.3841

Achromatopsia

84.6873, 0.3127, 0.3290

Achromatomaly

85.5452, 0.3224, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 87.1151, 0.3399, 0.3841 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(237, 245, 192)` looks like.

```
.text, #text, p{  
    color:rgb(237, 245, 192)  
}
```

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(237, 245, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 245, 192) }
```

Border

The CSS property to change the border of an element to Yxy 87.1151, 0.3399, 0.3841 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(237, 245, 192) }
```

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

```
.border{ border-color:rgb(237, 245, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 245, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 245, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 245, 192);  
box-shadow:4px 4px 4px 4px rgb(237, 245,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 87.1151, 0.3399, 0.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 245, 192) }
```

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

```
.background{ background-color: rgb(237,  
245, 192) }
```

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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