

Converting Colors

$Yxy(81.3059, 0.3397, 0.3710)$

Have a look what the booklet for
Yxy(81.3059, 0.3397, 0.3710)
contains.

| | |
|---|----|
| Yxy(81.3613, 0.3397, 0.3711) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(81.3613, 0.3397, 0.3711)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | EDEBC3 |
| RGB | 237, 235, 195 |
| RGB Percent | 93%, 92%, 76% |
| CMY | 0.0707, 0.0784, 0.2353 |
| CMYK | 0.00, 0.01, 0.18, 0.07 |
| HSL | 57°, 54%, 85% |
| HSV | 57°, 18%, 93% |
| XYZ | 74.4771, 81.3613, 63.4052 |
| YIQ | 231.0380, 14.0320, -12.0160 |

Conversions

Conversions Part 2

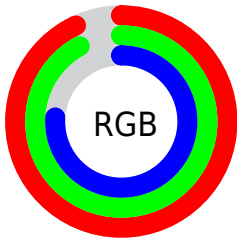
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 197, 237, 195 |
| Decimal | 15592387 |
| CIE Lab | 92.29, -5.82, 19.70 |
| CIE LCh | 92, 20.538, 106.448 |
| Yxy | 81.3613, 0.3397, 0.3711 |
| Android (android.graphics.Color) | 4293782467 (0xFFEDEC3) |
| YUV | 231.0380, -17.7667, 5.2287 |
| Hunter-Lab | 90.2005, -10.4664, 21.4632 |

Details

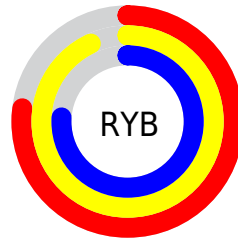
The Yxy color **81.3613, 0.3397, 0.3711** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **57.6282, 0.2837, 0.2831**, and the grayscale version is **80.0673, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8083, 0.3144, 0.3319**, and **43.9870, 0.3460, 0.3807** is the 20% darker color. If you saturate the color by 10%, you get **79.7443, 0.3554, 0.3953**, and if you desaturate by 10%, it is **83.1596, 0.3242, 0.3471**.

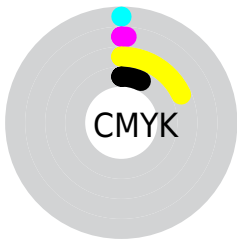
Distribution



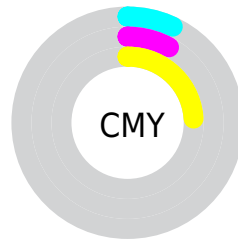
- Red (93%)
- Green (92%)
- Blue (76%)



- Red (77%)
- Yellow (93%)
- Blue (76%)



- Cyan (0%)
- Magenta (1%)
- Yellow (18%)
- Black (7%)



- Cyan (7%)
- Magenta (8%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.3613, 0.3397, 0.3711 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 81.3613, 0.3397, 0.3711 by changing the saturation by 10% instead.

81.3613, 0.3397,
0.3711

81.3613, 0.3397,
0.3711

499.5087, 0.3276,
0.3518

60.8392, 0.3424,
0.3755

135.2780, 0.3356,
0.3644

44.0954, 0.3456,
0.3808

169.4413, 0.3340,
0.3618

30.7455, 0.3496,
0.3875

208.9206, 0.3325,
0.3596

20.4052, 0.3547,
0.3962

254.1001, 0.3313,
0.3576

12.6899, 0.3613,
0.4078

305.3643, 0.3302,
0.3559

7.2154, 0.3703,
0.4242

363.0975, 0.3293,

3.5971, 0.3828,

0.3544

0.4485

427.6842, 0.3284,
0.3530

■ 1.4509, 0.4336,
0.5283

■ 0.2538, 0.2811,
0.7189

■ 81.3613, 0.3397,
0.3711

■ 81.3613, 0.3397,
0.3711

■ 79.7443, 0.3554,
0.3953

■ 83.1596, 0.3242,
0.3471

■ 78.2897, 0.3708,
0.4189

■ 85.1359, 0.3094,
0.3238

■ 76.9925, 0.3854,
0.4408

■ 86.5658, 0.3018,
0.3124

■ 75.8432, 0.3985,
0.4602

■ 87.2140, 0.3018,
0.3135

74.8314, 0.4096,
0.4760

87.8661, 0.3018,
0.3146

73.9451, 0.4181,
0.4877

88.5223, 0.3018,
0.3157

73.1703, 0.4240,
0.4949

89.1824, 0.3018,
0.3168

72.4880, 0.4273,
0.4981

89.8466, 0.3018,
0.3179

72.3384, 0.4278,
0.4985

90.5148, 0.3018,
0.3191

Harmonies

Analogous

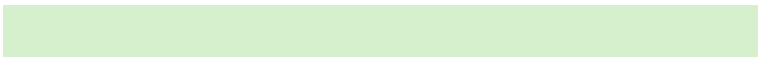
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.3613, 0.3557, 0.3629



81.3613, 0.3397, 0.3711



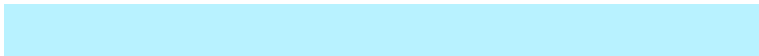
81.3613, 0.3168, 0.3674

Triad

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



81.3613, 0.3397, 0.3711



81.3613, 0.2677, 0.3089



81.3613, 0.3313, 0.3074

Complementary

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



81.3613, 0.3397, 0.3711



57.6282, 0.2837, 0.2831

Split Complementary

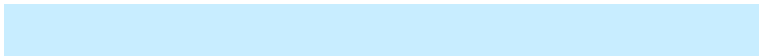
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.3613, 0.3072, 0.2941



81.3613, 0.3397, 0.3711



81.3613, 0.2711, 0.2943

Square

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



81.3613, 0.3397, 0.3711



81.3613, 0.2757, 0.3302



81.3613, 0.2853, 0.2892



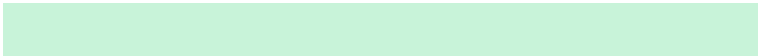
81.3613, 0.3509, 0.3261

Rectangle

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



81.3613, 0.3397, 0.3711



81.3613, 0.3009, 0.3582



81.3613, 0.2853, 0.2892



81.3613, 0.3234, 0.3022

Sweetspot

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



81.3649, 0.3397, 0.3711



98.8262, 0.3202, 0.3407



61.0644, 0.3453, 0.3268



21.1185, 0.3212, 0.3423



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.



81.3649, 0.3397, 0.3711



95.4316, 0.3450, 0.3793



79.4130, 0.3261, 0.3750



17.4992, 0.3269, 0.3512



39.5590, 0.4277, 0.4986



3.1436, 0.4264, 0.4996

Inverse Universe

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



57.6282, 0.2837, 0.2831



62.8634, 0.2775, 0.2732



59.4206, 0.2973, 0.2827



14.6618, 0.2980, 0.3058



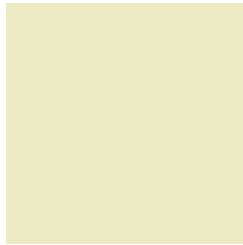
3.5220, 0.1508, 0.0630



0.3165, 0.1531, 0.0710

Previews

White Background



This preview shows how the Yxy color 81.3613, 0.3397, 0.3711 looks on a white background.

Color Contrast Check

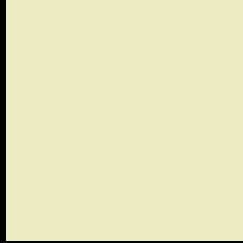
Large Text (above 18pt) WCAG AA × Fail

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 81.3613, 0.3397, 0.3711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

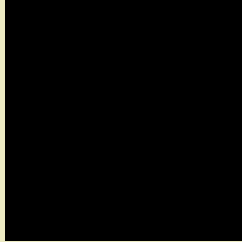
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

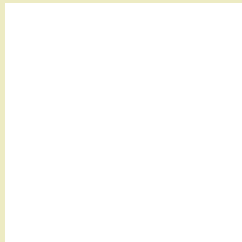
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.3613, 0.3397, 0.3711

Background



This preview shows how black text looks on a background with the Yxy color 81.3613, 0.3397, 0.3711.



This preview shows how white text looks on a background with the Yxy color 81.3613, 0.3397, 0.3711.

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

81.3613, 0.3397, 0.3711

Protanopia

81.2011, 0.3474, 0.3683

Deuteranopia

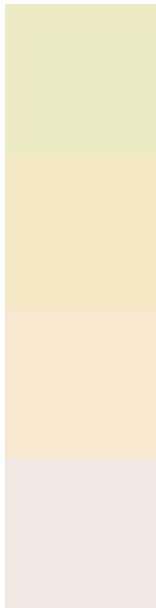
80.9516, 0.3426, 0.3442



Tritanopia

81.3737, 0.3122, 0.3110

Trichromacy



Original Color

81.3613, 0.3397, 0.3711

Protanomaly

81.2276, 0.3451, 0.3696

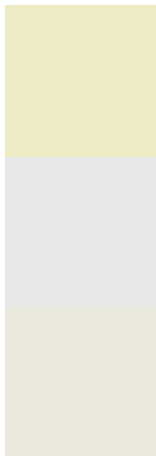
Deuteranomaly

81.0063, 0.3412, 0.3536

Tritanomaly

81.3987, 0.3221, 0.3331

Monochromacy



Original Color

81.3613, 0.3397, 0.3711

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.0988, 0.3223, 0.3437

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.3613, 0.3397, 0.3711 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, 235, 195)` looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 195)  
}
```

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, 235, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 195) }
```

Border

The CSS property to change the border of an element to Yxy 81.3613, 0.3397, 0.3711 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, 235, 195) }
```

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

```
.border{ border-color:rgb(237, 235, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 235, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 235, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 235, 195);  
box-shadow:4px 4px 4px 4px rgb(237, 235,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 81.3613, 0.3397, 0.3711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 235, 195) }
```

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

```
.background{ background-color: rgb(237,  
235, 195) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor