

Converting Colors

Yxy(81.5447, 0.3371, 0.3668)

Have a look what the booklet for
Yxy(81.5447, 0.3371, 0.3668)
contains.

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Color

Yxy(81.5447, 0.3371, 0.3668)

Conversions

Conversions Part 1

Format	Color
Hex	EDEBC7
RGB	237, 235, 199
RGB Percent	93%, 92%, 78%
CMY	0.0706, 0.0784, 0.2196
CMYK	0.00, 0.01, 0.16, 0.07
HSL	57°, 51%, 85%
HSV	57°, 16%, 93%
XYZ	74.9420, 81.5447, 65.8271
YIQ	231.4940, 12.7480, -10.7720

Conversions

Conversions Part 2

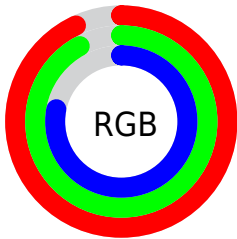
Format	Color
R_{YB}	201, 237, 199
Decimal	15592391
CIE _{Lab}	92.37, -5.21, 17.74
CIE _{LCh}	92, 18.486, 106.365
Yxy	81.5447, 0.3371, 0.3668
Android (android.graphics.Color)	4293782471 (0xFFEDEC7)
YUV	231.4940, -16.0195, 4.8288
Hunter-Lab	90.3021, -9.8910, 19.9911

Details

The Yxy color **81.5447, 0.3371, 0.3668** is a light color, and the websafe version is hex **FFFFCC**. A complement of this color would be **60.0310, 0.2867, 0.2882**, and the grayscale version is **80.4152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **44.1083, 0.3427, 0.3752** is the 20% darker color. If you saturate the color by 10%, you get **79.8229, 0.3528, 0.3909**, and if you desaturate by 10%, it is **83.4501, 0.3217, 0.3430**.

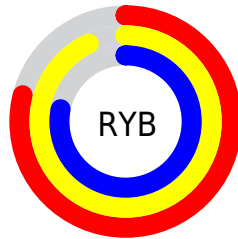
Distribution



Red (93%)

Green (92%)

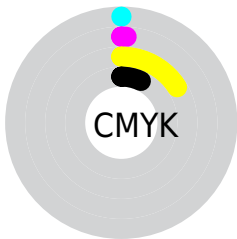
Blue (78%)



Red (79%)

Yellow (93%)

Blue (78%)

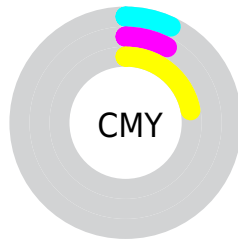


Cyan (0%)

Magenta (1%)

Yellow (16%)

Black (7%)



Cyan (7%)

Magenta (8%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 81.5447, 0.3371, 0.3668 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 81.5447, 0.3371, 0.3668 by changing the saturation by 10% instead.

81.5447, 0.3371,
0.3668

81.5447, 0.3371,
0.3668

500.1235, 0.3262,
0.3495

60.9903, 0.3395,
0.3707

135.5353, 0.3334,
0.3608

44.2173, 0.3425,
0.3755

169.7404, 0.3319,
0.3585

30.8414, 0.3461,
0.3815

209.2644, 0.3306,
0.3565

20.4781, 0.3508,
0.3893

254.4918, 0.3295,
0.3547

12.7431, 0.3569,
0.3998

305.8071, 0.3285,
0.3532

7.2519, 0.3652,
0.4145

363.5945, 0.3276,

3.6201, 0.3770,

0.3518

0.4366

428.2385, 0.3269,
0.3506

■ 1.4634, 0.4158,
0.4985

■ 0.2628, 0.3181,
0.6819

■ 81.5447, 0.3371,
0.3668

■ 81.5447, 0.3371,
0.3668

■ 79.8229, 0.3528,
0.3909

■ 83.4501, 0.3217,
0.3430

■ 78.2660, 0.3684,
0.4145


■ 85.5358, 0.3070,
0.3200


■ 76.8690, 0.3833,
0.4367

■ 86.8005, 0.3018,
0.3128


■ 75.6227, 0.3969,
0.4565


■ 87.5292, 0.3018,
0.3140

 74.5167, 0.4085,
0.4730


 88.2629, 0.3018,
0.3153

 73.5394, 0.4176,
0.4853


 89.0016, 0.3018,
0.3165


 72.6771, 0.4241,
0.4933

 89.7454, 0.3018,
0.3178

 71.9130, 0.4279,
0.4969

 90.4942, 0.3018,
0.3190

 71.6260, 0.4289,
0.4976

 91.2480, 0.3018,
0.3203

Harmonies

Analogous

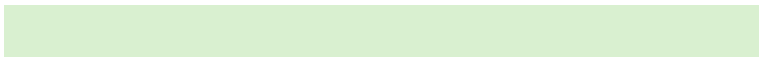
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



81.5447, 0.3514, 0.3595



81.5447, 0.3371, 0.3668



81.5447, 0.3166, 0.3634

Triad

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



81.5447, 0.3371, 0.3668



81.5447, 0.2721, 0.3111



81.5447, 0.3294, 0.3095

Complementary

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



81.5447, 0.3371, 0.3668



60.0310, 0.2867, 0.2882

Split Complementary

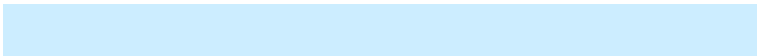
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.5447, 0.3077, 0.2974



81.5447, 0.3371, 0.3668



81.5447, 0.2752, 0.2978

Square

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



81.5447, 0.3371, 0.3668



81.5447, 0.2794, 0.3302



81.5447, 0.2880, 0.2931



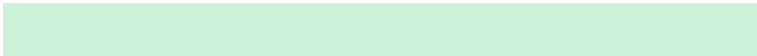
81.5447, 0.3470, 0.3265

Rectangle

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



81.5447, 0.3371, 0.3668



81.5447, 0.3022, 0.3552



81.5447, 0.2880, 0.2931



81.5447, 0.3223, 0.3048

Sweetspot

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



81.5483, 0.3371, 0.3668



98.7802, 0.3202, 0.3406



63.0977, 0.3411, 0.3263



21.1073, 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.



81.5483, 0.3371, 0.3668



95.6536, 0.3419, 0.3741



79.9901, 0.3253, 0.3703



17.4838, 0.3269, 0.3511



39.1683, 0.4287, 0.4978



3.1172, 0.4273, 0.4989

Inverse Universe

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



60.0310, 0.2867, 0.2882



66.0653, 0.2812, 0.2795



61.4838, 0.2985, 0.2873



14.6755, 0.2980, 0.3059



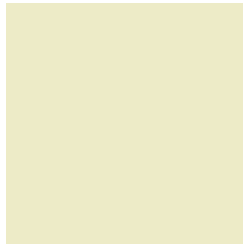
3.5442, 0.1509, 0.0633



0.3231, 0.1534, 0.0723

Previews

White Background



This preview shows how the Yxy color 81.5447, 0.3371, 0.3668 looks on a white background.

Color Contrast Check

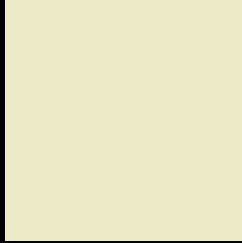
Large Text (above 18pt) WCAG AA × Fail

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 81.5447, 0.3371, 0.3668 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

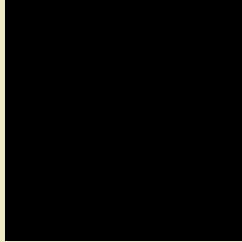
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

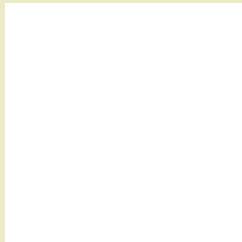
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 81.5447, 0.3371, 0.3668

Background



This preview shows how black text looks on a background with the Yxy color 81.5447, 0.3371, 0.3668.



This preview shows how white text looks on a background with the Yxy color 81.5447, 0.3371, 0.3668.

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

81.5447, 0.3371, 0.3668

Protanopia

81.2029, 0.3440, 0.3642

Deuteranopia

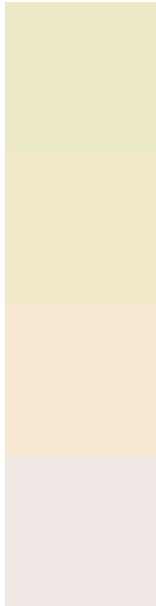
81.6018, 0.3411, 0.3431



Tritanopia

81.1953, 0.3115, 0.3110

Trichromacy



Original Color

81.5447, 0.3371, 0.3668

Protanomaly

81.2323, 0.3417, 0.3654

Deuteranomaly

81.7117, 0.3390, 0.3515

Tritanomaly

81.5097, 0.3209, 0.3311

Monochromacy



Original Color

81.5447, 0.3371, 0.3668

Achromatopsia

79.9103, 0.3127, 0.3290

Achromatomaly

80.1513, 0.3217, 0.3426

CSS Examples

Text

The CSS property to change the color of the text to Yxy 81.5447, 0.3371, 0.3668 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, 199)` looks like.

```
.text, #text, p{  
    color:rgb(237, 235, 199)  
}
```

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, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 235, 199) }
```

Border

The CSS property to change the border of an element to Yxy 81.5447, 0.3371, 0.3668 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, 199) }
```

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

```
.border{ border-color:rgb(237, 235, 199) }
```

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, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 235, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 235, 199);  
box-shadow:4px 4px 4px 4px rgb(237, 235,  
199) }
```


Background

The CSS property to change the background color of an element to Yxy 81.5447, 0.3371, 0.3668 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, 199) }
```

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

```
.background{ background-color: rgb(237,  
235, 199) }
```

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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