

Converting Colors

$Yxy(74.9831, 0.3509, 0.3866)$

Have a look what the booklet for
Yxy(74.9831, 0.3509, 0.3866)
contains.

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Color

Yxy(74.9831, 0.3509, 0.3866)

Conversions

Conversions Part 1

Format	Color
Hex	E7E3AE
RGB	231, 227, 174
RGB Percent	91%, 89%, 68%
CMY	0.0942, 0.1098, 0.3178
CMYK	0.00, 0.02, 0.25, 0.09
HSL	56°, 54%, 79%
HSV	56°, 25%, 91%
XYZ	68.0589, 74.9831, 50.9133
YIQ	222.1540, 19.3970, -15.6350

Conversions

Conversions Part 2

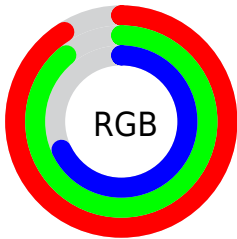
Format	Color
RYB	178, 231, 174
Decimal	15197102
CIELab	89.39, -6.93, 26.46
CIELCh	89, 27.356, 104.665
Yxy	74.9831, 0.3509, 0.3866
Android (android.graphics.Color)	4293387182 (0xFFE7E3AE)
YUV	222.1540, -23.7399, 7.7579
Hunter-Lab	86.5928, -11.2426, 25.7547

Details

The Yxy color **74.9831, 0.3509, 0.3866** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **46.5835, 0.2708, 0.2640**, and the grayscale version is **73.3214, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **39.9995, 0.3595, 0.4008** is the 20% darker color. If you saturate the color by 10%, you get **73.2843, 0.3668, 0.4100**, and if you desaturate by 10%, it is **76.8518, 0.3351, 0.3629**.

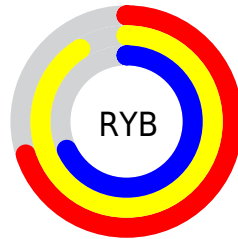
Distribution



Red (91%)

Green (89%)

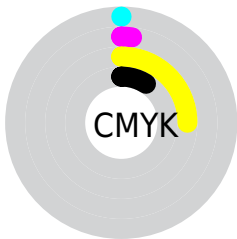
Blue (68%)



Red (70%)

Yellow (91%)

Blue (68%)

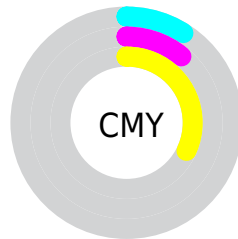


Cyan (0%)

Magenta (2%)

Yellow (25%)

Black (9%)



Cyan (9%)


Magenta (11%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.9831, 0.3509, 0.3866 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 74.9831, 0.3509, 0.3866 by changing the saturation by 10% instead.


 74.9831, 0.3509,
0.3866

 74.9831, 0.3509,
0.3866


477.8595, 0.3336,
0.3598

 55.5990, 0.3547,
0.3927


 126.2884, 0.3450,
0.3773

 39.8815, 0.3593,
0.4002


158.9785, 0.3427,
0.3737

 27.4462, 0.3650,
0.4097


196.8727, 0.3407,
0.3706

 17.9086, 0.3722,
0.4219

240.3554, 0.3389,
0.3679

 10.8844, 0.3814,
0.4383

289.8111, 0.3374,
0.3655

 5.9892, 0.3934,
0.4611

345.6240, 0.3360,

 2.8385, 0.4138,

0.3634

408.1787, 0.3348,
0.3615

0.5005

1.0480, 0.4385,
0.5615

0.0000, 0.0000,
0.0000

74.9831, 0.3509,
0.3866

74.9831, 0.3509,
0.3866

73.2843, 0.3668,
0.4100

76.8518, 0.3351,
0.3629

71.7373, 0.3821,
0.4321

78.8877, 0.3197,
0.3396

70.3369, 0.3962,
0.4521

81.1010, 0.3051,
0.3173

69.0736, 0.4086,
0.4688

82.7446, 0.2980,
0.3072

■ 67.9364, 0.4186,
0.4816

■ 83.6636, 0.2980,
0.3088

■ 66.9131, 0.4260,
0.4900

■ 84.5910, 0.2980,
0.3105

■ 65.9882, 0.4306,
0.4941

■ 85.5268, 0.2980,
0.3121

■ 65.5240, 0.4323,
0.4950

■ 86.4709, 0.2980,
0.3138

■ 87.4235, 0.2981,
0.3154

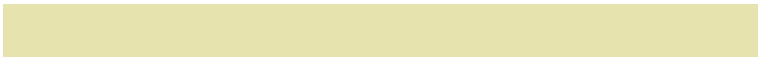
Harmonies

Analogous

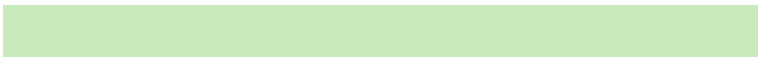
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9831, 0.3723, 0.3736



74.9831, 0.3509, 0.3866



74.9831, 0.3198, 0.3831

Triad

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



74.9831, 0.3509, 0.3866



74.9831, 0.2521, 0.3025



74.9831, 0.3361, 0.2985

Complementary

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



74.9831, 0.3509, 0.3866



46.5835, 0.2708, 0.2640

Split Complementary

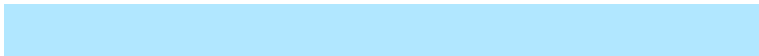
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



74.9831, 0.3029, 0.2814



74.9831, 0.3509, 0.3866



74.9831, 0.2558, 0.2824

Square

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



74.9831, 0.3509, 0.3866



74.9831, 0.2636, 0.3320



74.9831, 0.2739, 0.2753



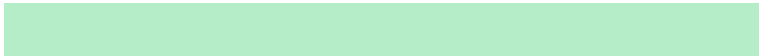
74.9831, 0.3639, 0.3231

Rectangle

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



74.9831, 0.3509, 0.3866



74.9831, 0.2981, 0.3710



74.9831, 0.2739, 0.2753



74.9831, 0.3251, 0.2918

Sweetspot

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



74.9865, 0.3509, 0.3866



98.1112, 0.3232, 0.3450



50.4904, 0.3603, 0.3237



20.9661, 0.3242, 0.3464



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.



74.9865, 0.3509, 0.3866



92.6563, 0.3596, 0.3995



73.4995, 0.3326, 0.3942



16.6359, 0.3269, 0.3506



36.8135, 0.4320, 0.4952



2.7723, 0.4300, 0.4968

Inverse Universe

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



46.5835, 0.2708, 0.2640



50.9576, 0.2601, 0.2471



47.9975, 0.2886, 0.2625



14.0478, 0.2980, 0.3064



3.5086, 0.1513, 0.0645



0.3163, 0.1547, 0.0769

Previews

White Background



This preview shows how the Yxy color 74.9831, 0.3509, 0.3866 looks on a white background.

Color Contrast Check

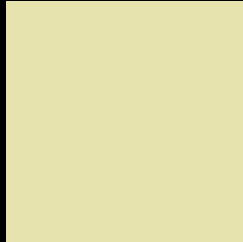
Large Text (above 18pt) WCAG AA × Fail

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 74.9831, 0.3509, 0.3866 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

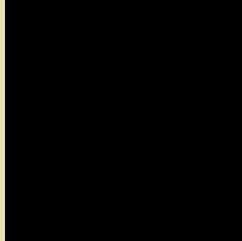
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9831, 0.3509, 0.3866

Background



This preview shows how black text looks on a background with the Yxy color 74.9831, 0.3509, 0.3866.



This preview shows how white text looks on a background with the Yxy color 74.9831, 0.3509, 0.3866.

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

74.9831, 0.3509, 0.3866

Protanopia

74.8537, 0.3592, 0.3833

Deuteranopia

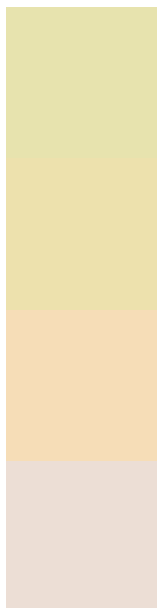
75.0336, 0.3616, 0.3599



Tritanopia

75.0699, 0.3157, 0.3115

Trichromacy



Original Color

74.9831, 0.3509, 0.3866

Protanomaly

74.8721, 0.3566, 0.3848

Deuteranomaly

74.7246, 0.3575, 0.3689

Tritanomaly

74.8795, 0.3288, 0.3386

Monochromacy



Original Color

74.9831, 0.3509, 0.3866

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.7266, 0.3260, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9831, 0.3509, 0.3866 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(231, 227, 174)` looks like.

```
.text, #text, p{  
    color:rgb(231, 227, 174)  
}
```

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(231, 227, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 227, 174) }
```

Border

The CSS property to change the border of an element to Yxy 74.9831, 0.3509, 0.3866 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(231, 227, 174) }
```

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

```
.border{ border-color:rgb(231, 227, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 227, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 227, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 227, 174); box-shadow:4px 4px 4px 4px rgb(231, 227, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9831, 0.3509, 0.3866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 227, 174) }
```

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

```
.background{ background-color: rgb(231,  
227, 174) }
```

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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