

Converting Colors

$Yxy(72.4990, 0.3479, 0.3813)$

Have a look what the booklet for
Yxy(72.4990, 0.3479, 0.3813)
contains.

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Color

Yxy(72.4039, 0.3482, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	E4DFB0
RGB	228, 223, 176
RGB Percent	89%, 87%, 69%
CMY	0.1058, 0.1255, 0.3098
CMYK	0.00, 0.02, 0.23, 0.11
HSL	54°, 49%, 79%
HSV	54°, 23%, 89%
XYZ	66.2228, 72.4039, 51.5595
YIQ	219.1370, 18.0670, -13.5570

Conversions

Conversions Part 2

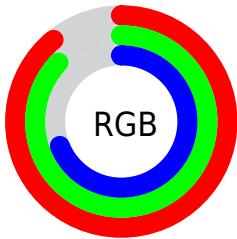
Format	Color
R _Y B	182, 228, 176
Decimal	14999472
CIE Lab	88.16, -5.72, 23.70
CIE LCh	88, 24.382, 103.557
Yxy	72.4039, 0.3482, 0.3807
Android (android.graphics.Color)	4293189552 (0xFFE4DFB0)
YUV	219.1370, -21.2665, 7.7729
Hunter-Lab	85.0905, -9.9882, 23.6373

Details

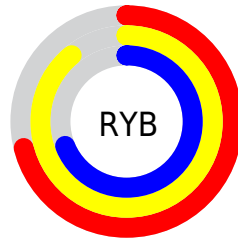
The Yxy color **72.4039, 0.3482, 0.3807** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.8878, 0.2746, 0.2714**, and the grayscale version is **71.0827, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.6062, 0.3262, 0.3513**, and **38.2060, 0.3563, 0.3935** is the 20% darker color. If you saturate the color by 10%, you get **70.4117, 0.3644, 0.4036**, and if you desaturate by 10%, it is **74.5695, 0.3322, 0.3577**.

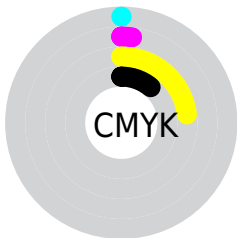
Distribution



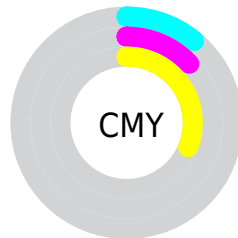
- Red (89%)
- Green (87%)
- Blue (69%)



- Red (71%)
- Yellow (89%)
- Blue (69%)



- Cyan (0%)
- Magenta (2%)
- Yellow (23%)
- Black (11%)





- Cyan (11%)
- Magenta (13%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.4039, 0.3482, 0.3807 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 72.4039, 0.3482, 0.3807 by changing the saturation by 10% instead.


 72.4039, 0.3482,
0.3807

 72.4039, 0.3482,
0.3807


468.9462, 0.3320,
0.3565

 53.4887, 0.3518,
0.3862


 122.6306, 0.3426,
0.3723

 38.1930, 0.3562,
0.3931


154.7109, 0.3405,
0.3690

 26.1325, 0.3617,
0.4018


191.9483, 0.3386,
0.3662

 16.9228, 0.3688,
0.4131

234.7272, 0.3369,
0.3638

 10.1795, 0.3779,
0.4283

283.4321, 0.3355,
0.3616

 5.5181, 0.3902,
0.4498

338.4473, 0.3342,

 2.5543, 0.4112,

0.3597

0.4872

400.1572, 0.3330,
0.3581

■ 0.9038, 0.4432,
0.5568

■ 0.0000, 0.0000,
0.0000

■ 72.4039, 0.3482,
0.3807

■ 72.4039, 0.3482,
0.3807

■ 70.4117, 0.3644,
0.4036

■ 74.5695, 0.3322,
0.3577

■ 68.5754, 0.3804,
0.4256


■ 76.9058, 0.3169,
0.3352


■ 66.8901, 0.3954,
0.4457

■ 79.4227, 0.3024,
0.3137


■ 65.3467, 0.4089,
0.4628


■ 81.3150, 0.2961,
0.3053


 63.9349, 0.4201,
0.4762


 82.5592, 0.2961,
0.3076


 62.6430, 0.4288,
0.4851

 83.8190, 0.2961,
0.3099

 61.4568, 0.4347,
0.4897

 85.0943, 0.2962,
0.3121

 60.6533, 0.4376,
0.4908

 86.3853, 0.2962,
0.3144

 87.6920, 0.2962,
0.3166

Harmonies

Analogous

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



72.4039, 0.3670, 0.3688



72.4039, 0.3482, 0.3807



72.4039, 0.3204, 0.3780

Triad

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



72.4039, 0.3482, 0.3807



72.4039, 0.2580, 0.3061



72.4039, 0.3328, 0.3007

Complementary

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



72.4039, 0.3482, 0.3807



47.8878, 0.2746, 0.2714

Split Complementary

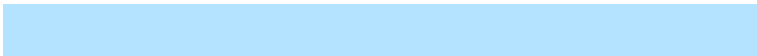
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



72.4039, 0.3029, 0.2854



72.4039, 0.3482, 0.3807



72.4039, 0.2608, 0.2874

Square

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



72.4039, 0.3482, 0.3807



72.4039, 0.2689, 0.3329



72.4039, 0.2768, 0.2804



72.4039, 0.3581, 0.3229

Rectangle

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



72.4039, 0.3482, 0.3807



72.4039, 0.3007, 0.3674



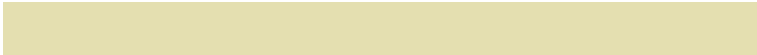
72.4039, 0.2768, 0.2804



72.4039, 0.3229, 0.2946

Sweetspot

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



72.4071, 0.3482, 0.3807



97.8099, 0.3233, 0.3446



50.8928, 0.3549, 0.3232



20.8961, 0.3242, 0.3459



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.



72.4071, 0.3482, 0.3807



92.1685, 0.3553, 0.3907



71.9264, 0.3317, 0.3887



16.5671, 0.3270, 0.3500



35.1145, 0.4373, 0.4910



2.6642, 0.4343, 0.4933

Inverse Universe

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



47.8878, 0.2746, 0.2714



55.7247, 0.2663, 0.2587



48.4983, 0.2901, 0.2679



14.1095, 0.2980, 0.3071



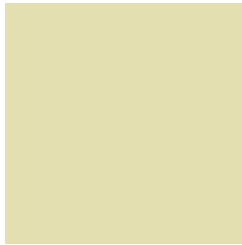
3.6420, 0.1519, 0.0667



0.3458, 0.1564, 0.0831

Previews

White Background



This preview shows how the Yxy color 72.4039, 0.3482, 0.3807 looks on a white background.

Color Contrast Check

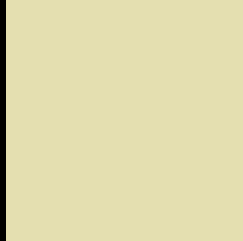
Large Text (above 18pt) WCAG AA × Fail

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 72.4039, 0.3482, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

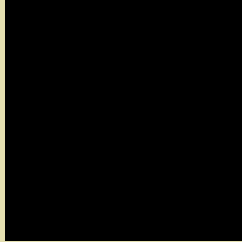
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

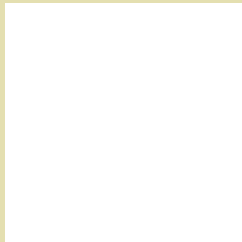
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4039, 0.3482, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 72.4039, 0.3482, 0.3807.



This preview shows how white text looks on a background with the Yxy color 72.4039, 0.3482, 0.3807.

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

72.4039, 0.3482, 0.3807

Protanopia

72.4702, 0.3547, 0.3788

Deuteranopia

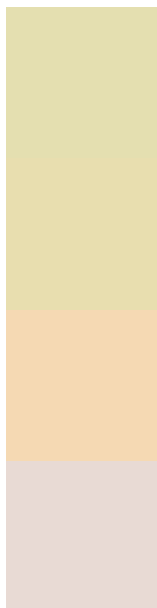
72.1847, 0.3681, 0.3621



Tritanopia

72.0892, 0.3157, 0.3112

Trichromacy



Original Color

72.4039, 0.3482, 0.3807

Protanomaly

72.4935, 0.3522, 0.3803

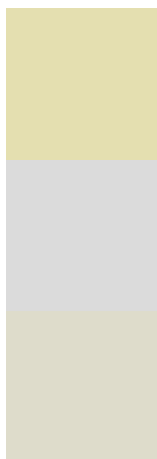
Deuteranomaly

72.2929, 0.3606, 0.3693

Tritanomaly

72.0521, 0.3270, 0.3355

Monochromacy



Original Color

72.4039, 0.3482, 0.3807

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.0278, 0.3256, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4039, 0.3482, 0.3807 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(228, 223, 176)` looks like.

```
.text, #text, p{  
    color:rgb(228, 223, 176)  
}
```

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(228, 223, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 223, 176) }
```

Border

The CSS property to change the border of an element to Yxy 72.4039, 0.3482, 0.3807 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(228, 223, 176) }
```

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

```
.border{ border-color:rgb(228, 223, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 223, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(228, 223, 176); -webkit-box-shadow:4px 4px 4px 4px rgb(228, 223, 176); box-shadow:4px 4px 4px 4px rgb(228, 223, 176) }
```


Background

The CSS property to change the background color of an element to Yxy 72.4039, 0.3482, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 223, 176) }
```

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

```
.background{ background-color: rgb(228,  
223, 176) }
```

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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