

Converting Colors

$Yxy(71.4884, 0.3408, 0.3686)$

Have a look what the booklet for
Yxy(71.4884, 0.3408, 0.3686)
contains.

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Color

Yxy(71.3844, 0.3409, 0.3688)

Conversions

Conversions Part 1

Format	Color
Hex	E2DDB9
RGB	226, 221, 185
RGB Percent	89%, 87%, 73%
CMY	0.1136, 0.1333, 0.2746
CMYK	0.00, 0.02, 0.18, 0.11
HSL	53°, 41%, 81%
HSV	53°, 18%, 89%
XYZ	65.9841, 71.3844, 56.1901
YIQ	218.3910, 14.5360, -10.1360

Conversions

Conversions Part 2

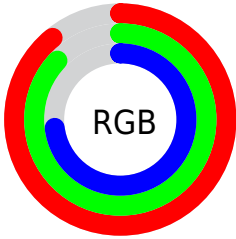
Format	Color
RYB	191, 226, 185
Decimal	14867897
CIELab	87.67, -4.13, 18.32
CIELCh	88, 18.782, 102.708
Yxy	71.3844, 0.3409, 0.3688
Android (android.graphics.Color)	4293057977 (0xFFE2DDB9)
YUV	218.3910, -16.4618, 6.6731
Hunter-Lab	84.4893, -8.4520, 19.7114

Details

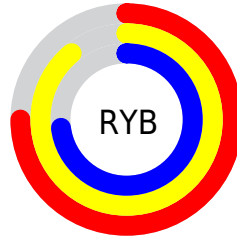
The Yxy color **71.3844, 0.3409, 0.3688** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.6425, 0.2832, 0.2858**, and the grayscale version is **70.5074, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **37.4844, 0.3469, 0.3782** is the 20% darker color. If you saturate the color by 10%, you get **69.0544, 0.3573, 0.3913**, and if you desaturate by 10%, it is **73.8967, 0.3250, 0.3466**.

Distribution



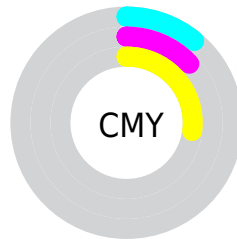
- Red (89%)
- Green (87%)
- Blue (73%)



- Red (75%)
- Yellow (89%)
- Blue (73%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (11%)



- Cyan (11%)
- Magenta (13%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.3844, 0.3409, 0.3688 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 71.3844, 0.3409, 0.3688 by changing the saturation by 10% instead.

 71.3844, 0.3409,
0.3688

 71.3844, 0.3409,
0.3688


465.3961, 0.3279,
0.3502

 52.6560, 0.3438,
0.3731


 121.1809, 0.3364,
0.3623

 37.5282, 0.3475,
0.3784


153.0178, 0.3347,
0.3598

 25.6167, 0.3520,
0.3852


189.9929, 0.3332,
0.3576

 16.5371, 0.3579,
0.3940

232.4906, 0.3318,
0.3557

 9.9050, 0.3657,
0.4062

280.8954, 0.3307,
0.3541

 5.3360, 0.3766,
0.4236

335.5917, 0.3297,

 2.4457, 0.3928,

0.3526

0.4507

396.9638, 0.3287,
0.3513

0.8493, 0.4541,
0.5459

0.0000, 0.0000,
0.0000

71.3844, 0.3409,
0.3688

71.3844, 0.3409,
0.3688

69.0544, 0.3573,
0.3913

73.8967, 0.3250,
0.3466

66.8900, 0.3739,
0.4133

76.5886, 0.3100,
0.3251

64.8865, 0.3899,
0.4339

79.4696, 0.2961,
0.3049

63.0352, 0.4049,
0.4522

81.1616, 0.2948,
0.3056

61.3268, 0.4181,
0.4671

82.7371, 0.2949,
0.3084

59.7503, 0.4288,
0.4779

84.3373, 0.2949,
0.3113

58.2932, 0.4368,
0.4842

85.9624, 0.2950,
0.3142

56.9373, 0.4422,
0.4863

87.6125, 0.2950,
0.3170

56.6942, 0.4430,
0.4864

89.2878, 0.2951,
0.3198

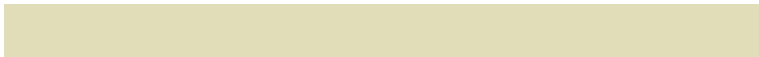
Harmonies

Analogous

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



71.3844, 0.3549, 0.3598



71.3844, 0.3409, 0.3688



71.3844, 0.3196, 0.3667

Triad

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



71.3844, 0.3409, 0.3688



71.3844, 0.2700, 0.3121



71.3844, 0.3277, 0.3064

Complementary

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



71.3844, 0.3409, 0.3688



52.6425, 0.2832, 0.2858

Split Complementary

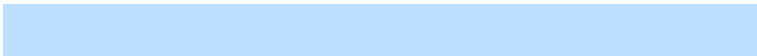
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



71.3844, 0.3046, 0.2945



71.3844, 0.3409, 0.3688



71.3844, 0.2719, 0.2971

Square

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



71.3844, 0.3409, 0.3688



71.3844, 0.2790, 0.3328



71.3844, 0.2843, 0.2910



71.3844, 0.3473, 0.3239

Rectangle

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



71.3844, 0.3409, 0.3688



71.3844, 0.3043, 0.3588



71.3844, 0.2843, 0.2910



71.3844, 0.3201, 0.3017

Sweetspot

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



71.3876, 0.3409, 0.3688



98.2112, 0.3202, 0.3398



54.6036, 0.3433, 0.3229



20.9685, 0.3213, 0.3413



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.



71.3876, 0.3409, 0.3688



92.5832, 0.3474, 0.3778



71.7608, 0.3289, 0.3757



15.7273, 0.3270, 0.3494



32.4512, 0.4426, 0.4868



2.3312, 0.4385, 0.4900

Inverse Universe

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



52.6425, 0.2832, 0.2858



63.3885, 0.2759, 0.2750



52.4687, 0.2943, 0.2812



13.5130, 0.2981, 0.3078



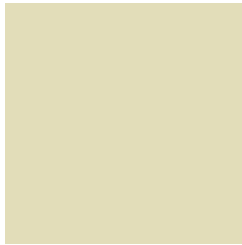
3.6913, 0.1526, 0.0695



0.3463, 0.1584, 0.0903

Previews

White Background



This preview shows how the Yxy color 71.3844, 0.3409, 0.3688 looks on a white background.

Color Contrast Check

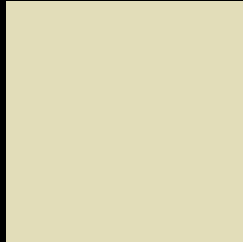
Large Text (above 18pt) WCAG AA × Fail

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 71.3844, 0.3409, 0.3688 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

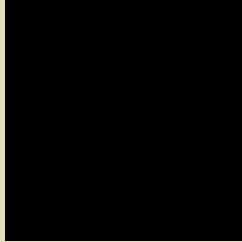
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

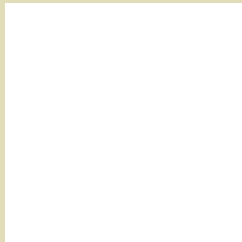
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.3844, 0.3409, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 71.3844, 0.3409, 0.3688.



This preview shows how white text looks on a background with the Yxy color 71.3844, 0.3409, 0.3688.

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

71.3844, 0.3409, 0.3688

Protanopia

71.2795, 0.3465, 0.3672

Deuteranopia

71.0590, 0.3625, 0.3540



Tritanopia

71.0185, 0.3143, 0.3111

Trichromacy



Original Color

71.3844, 0.3409, 0.3688

Protanomaly

71.4701, 0.3448, 0.3685

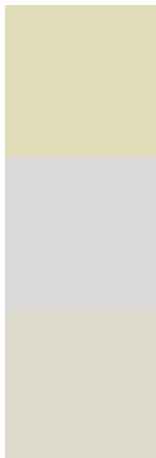
Deuteranomaly

71.2007, 0.3545, 0.3599

Tritanomaly

71.3037, 0.3242, 0.3323

Monochromacy



Original Color

71.3844, 0.3409, 0.3688

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.4914, 0.3229, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.3844, 0.3409, 0.3688 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(226, 221, 185)` looks like.

```
.text, #text, p{  
    color:rgb(226, 221, 185)  
}
```

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(226, 221, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 221, 185) }
```

Border

The CSS property to change the border of an element to Yxy 71.3844, 0.3409, 0.3688 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(226, 221, 185) }
```

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

```
.border{ border-color:rgb(226, 221, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 221, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 221, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 221, 185); box-shadow:4px 4px 4px 4px rgb(226, 221, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 71.3844, 0.3409, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 221, 185) }
```

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

```
.background{ background-color: rgb(226,  
221, 185) }
```

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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