

Converting Colors

$Y_{xy}(70.6913, 0.3438, 0.3722)$

Have a look what the booklet for
Yxy(70.6913, 0.3438, 0.3722)
contains.

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Color

Yxy(70.6913, 0.3438, 0.3722)

Conversions

Conversions Part 1	
Format	Color
Hex	E2DCB5
RGB	226, 220, 181
RGB Percent	89%, 86%, 71%
CMY	0.1138, 0.1372, 0.2900
CMYK	0.00, 0.03, 0.20, 0.11
HSL	52°, 44%, 80%
HSV	52°, 20%, 89%
XYZ	65.2973, 70.6913, 53.9396
YIQ	217.3480, 16.0950, -10.8570

Conversions

Conversions Part 2

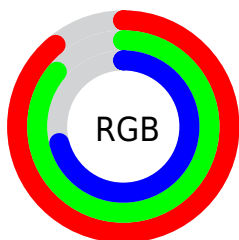
Format	Color
RYB	188, 226, 181
Decimal	14867637
CIELab	87.33, -4.22, 19.91
CIELCh	87, 20.355, 101.971
Yxy	70.6913, 0.3438, 0.3722
Android (android.graphics.Color)	4293057717 (0xFFE2DCB5)
YUV	217.3480, -17.9196, 7.5878
Hunter-Lab	84.0781, -8.5088, 20.8177

Details

The Yxy color **70.6913, 0.3438, 0.3722** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.8671, 0.2801, 0.2818**, and the grayscale version is **69.7585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8944, 0.3232, 0.3464**, and **37.0148, 0.3508, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **68.2766, 0.3604, 0.3944**, and if you desaturate by 10%, it is **73.2911, 0.3277, 0.3501**.

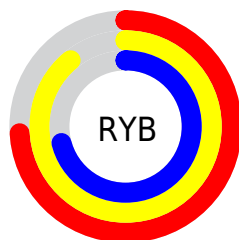
Distribution



Red (89%)

Green (86%)

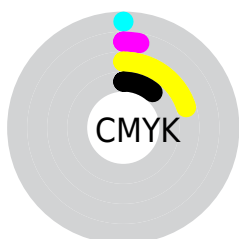
Blue (71%)



Red (74%)

Yellow (89%)

Blue (71%)

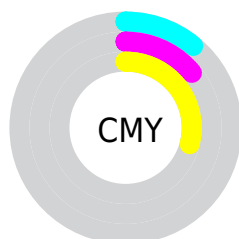


Cyan (0%)

Magenta (3%)

Yellow (20%)

Black (11%)



Cyan (11%)

Magenta (14%)


Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.6913, 0.3438, 0.3722 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 70.6913, 0.3438, 0.3722 by changing the saturation by 10% instead.


 70.6913, 0.3438,
0.3722

 70.6913, 0.3438,
0.3722


462.9736, 0.3295,
0.3520

 52.0903, 0.3470,
0.3769


 120.1941, 0.3388,
0.3651

 37.0771, 0.3510,
0.3827


151.8646, 0.3369,
0.3624

 25.2672, 0.3560,
0.3900


188.6605, 0.3352,
0.3601

 16.2762, 0.3625,
0.3996

230.9661, 0.3338,
0.3580

 9.7198, 0.3711,
0.4128

279.1658, 0.3325,
0.3562

 5.2136, 0.3830,
0.4316


333.6441, 0.3314,

 2.3731, 0.4018,


0.3546


0.4623


394.7852, 0.3304,
0.3532


 0.8120, 0.4516,
0.5484


 0.0000, 0.0000,
0.0000


 70.6913, 0.3438,
0.3722


 70.6913, 0.3438,
0.3722


 68.2766, 0.3604,
0.3944


 73.2911, 0.3277,
0.3501


 66.0303, 0.3771,
0.4161


 76.0735, 0.3126,
0.3288


 63.9475, 0.3932,
0.4362


 79.0482, 0.2984,
0.3085


 62.0193, 0.4082,
0.4538


 81.1171, 0.2948,
0.3055


 60.2362, 0.4213,
0.4680


 82.8243, 0.2948,
0.3086


 58.5871, 0.4320,
0.4779


 84.5605, 0.2949,
0.3117


 57.0587, 0.4398,
0.4833

 86.3259, 0.2950,
0.3148

 55.6286, 0.4452,
0.4847

 88.1208, 0.2950,
0.3179

 55.6130, 0.4452,
0.4847

 89.9451, 0.2951,
0.3210

Harmonies

Analogous

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



70.6913, 0.3589, 0.3620



70.6913, 0.3438, 0.3722



70.6913, 0.3207, 0.3703

Triad

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



70.6913, 0.3438, 0.3722



70.6913, 0.2665, 0.3111



70.6913, 0.3284, 0.3041

Complementary

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



70.6913, 0.3438, 0.3722



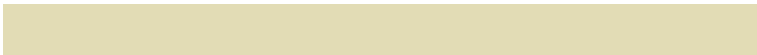
50.8671, 0.2801, 0.2818

Split Complementary

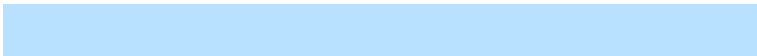
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.6913, 0.3032, 0.2915



70.6913, 0.3438, 0.3722



70.6913, 0.2683, 0.2946

Square

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



70.6913, 0.3438, 0.3722



70.6913, 0.2765, 0.3337



70.6913, 0.2815, 0.2879



70.6913, 0.3499, 0.3229

Rectangle

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



70.6913, 0.3438, 0.3722



70.6913, 0.3041, 0.3620



70.6913, 0.2815, 0.2879



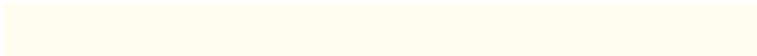
70.6913, 0.3200, 0.2990

Sweetspot

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



70.6944, 0.3438, 0.3722



97.7618, 0.3218, 0.3418



52.8195, 0.3469, 0.3222



20.8741, 0.3228, 0.3432



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.



70.6944, 0.3438, 0.3722



91.5817, 0.3508, 0.3817



71.3519, 0.3304, 0.3804



15.7022, 0.3270, 0.3491



31.8584, 0.4447, 0.4851



2.2957, 0.4403, 0.4886

Inverse Universe

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



50.8671, 0.2801, 0.2818



60.8760, 0.2723, 0.2701



50.4947, 0.2923, 0.2762



13.5357, 0.2981, 0.3080



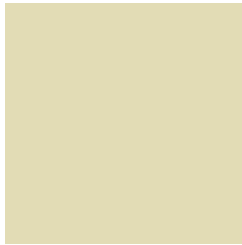
3.7616, 0.1530, 0.0706



0.3570, 0.1591, 0.0927

Previews

White Background



This preview shows how the Yxy color 70.6913, 0.3438, 0.3722 looks on a white background.

Color Contrast Check

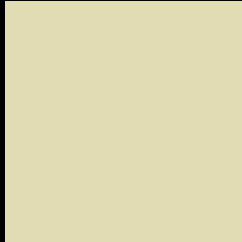
Large Text (above 18pt) WCAG AA × Fail

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 70.6913, 0.3438, 0.3722 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

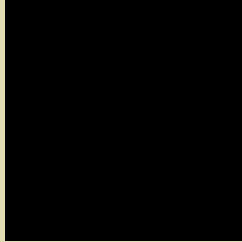
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

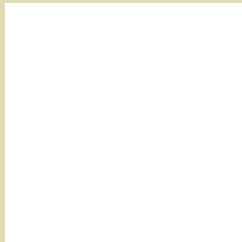
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.6913, 0.3438, 0.3722

Background



This preview shows how black text looks on a background with the Yxy color 70.6913, 0.3438, 0.3722.



This preview shows how white text looks on a background with the Yxy color 70.6913, 0.3438, 0.3722.

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

70.6913, 0.3438, 0.3722

Protanopia

70.4270, 0.3488, 0.3707

Deuteranopia

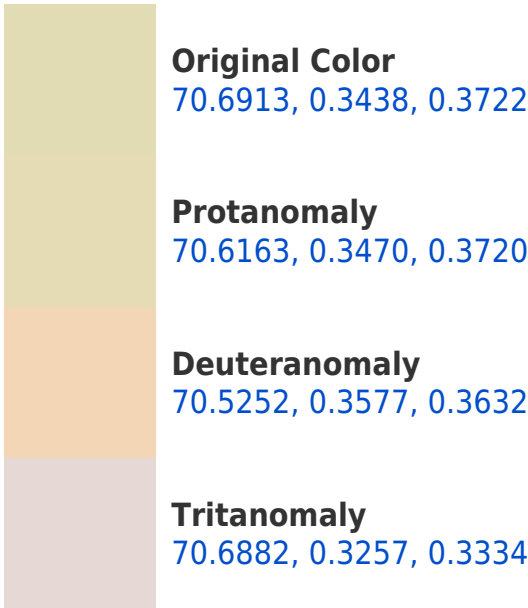
70.2075, 0.3651, 0.3573



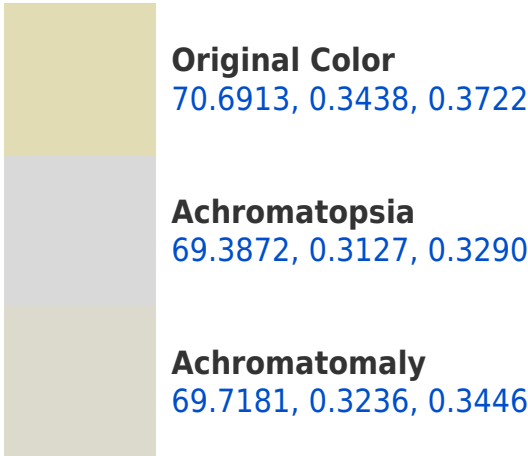
Tritanopia

70.4575, 0.3150, 0.3110

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.6913, 0.3438, 0.3722 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, 220, 181) looks like.

```
.text, #text, p{  
    color:rgb(226, 220, 181)  
}
```

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, 220, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 220, 181) }
```

Border

The CSS property to change the border of an element to Yxy 70.6913, 0.3438, 0.3722 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, 220, 181) }
```

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

```
.border{ border-color:rgb(226, 220, 181) }
```

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

Here you see how a box with a 4 pixel rgb(226, 220, 181) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 220, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 220, 181);  
box-shadow:4px 4px 4px 4px rgb(226, 220,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 70.6913, 0.3438, 0.3722 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 220, 181) }
```

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

```
.background{ background-color: rgb(226,  
220, 181) }
```

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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