

Converting Colors

Yxy(68.4346, 0.3428, 0.3623)

Have a look what the booklet for
Yxy(68.4346, 0.3428, 0.3623)
contains.

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Color

Yxy(68.4346, 0.3428, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	E3D7B9
RGB	227, 215, 185
RGB Percent	89%, 84%, 73%
CMY	0.1096, 0.1569, 0.2744
CMYK	0.00, 0.05, 0.19, 0.11
HSL	43°, 43%, 81%
HSV	43°, 19%, 89%
XYZ	64.7513, 68.4346, 55.7035
YIQ	215.1680, 16.7820, -6.7860

Conversions

Conversions Part 2

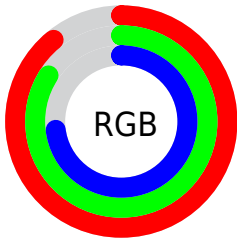
Format	Color
R _Y B	202, 227, 185
Decimal	14931897
CIE Lab	86.22, -0.66, 16.29
CIE LCh	86, 16.303, 92.335
Yxy	68.4346, 0.3428, 0.3623
Android (android.graphics.Color)	4293121977 (0xFFE3D7B9)
YUV	215.1680, -14.8728, 10.3767
Hunter-Lab	82.7252, -5.0523, 17.9844

Details

The Yxy color **68.4346, 0.3428, 0.3623** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **55.8398, 0.2830, 0.2933**, and the grayscale version is **68.1762, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **35.4655, 0.3496, 0.3698** is the 20% darker color. If you saturate the color by 10%, you get **64.2988, 0.3610, 0.3810**, and if you desaturate by 10%, it is **72.8620, 0.3259, 0.3440**.

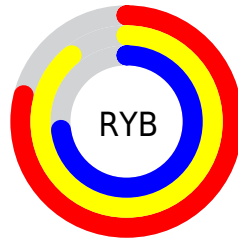
Distribution



Red (89%)

Green (84%)

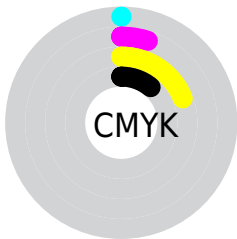
Blue (73%)



Red (79%)

Yellow (89%)

Blue (73%)

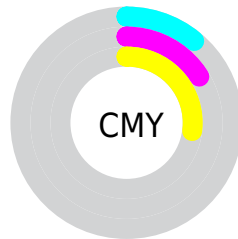


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (11%)



Cyan (11%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4346, 0.3428, 0.3623 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 68.4346, 0.3428, 0.3623 by changing the saturation by 10% instead.


 68.4346, 0.3428,
0.3623

 68.4346, 0.3428,
0.3623


455.0343, 0.3287,
0.3467

 50.2514, 0.3460,
0.3659


 116.9737, 0.3379,
0.3569

 35.6132, 0.3500,
0.3704

148.0983, 0.3360,
0.3548

 24.1356, 0.3551,
0.3760


184.3055, 0.3344,
0.3529

 15.4342, 0.3618,
0.3835

225.9797, 0.3330,
0.3514

 9.1247, 0.3708,
0.3936

273.5053, 0.3317,
0.3500

 4.8226, 0.3838,
0.4083

327.2667, 0.3306,

 2.1436, 0.4042,

0.3488

0.4314

387.6482, 0.3296,
0.3477

0.6890, 0.4810,
0.5190

0.0000, 0.0000,
0.0000

68.4346, 0.3428,
0.3623

68.4346, 0.3428,
0.3623

64.2988, 0.3610,
0.3810

72.8620, 0.3259,
0.3440

60.4368, 0.3803,
0.3996

77.5802, 0.3105,
0.3265

56.8421, 0.4001,
0.4172

82.6000, 0.2966,
0.3100

53.5047, 0.4198,
0.4328

86.5131, 0.2956,
0.3149

■ 50.4133, 0.4386,
0.4452

■ 90.4448, 0.2957,
0.3215

■ 47.5556, 0.4554,
0.4536

■ 94.5161, 0.2958,
0.3281

■ 44.9170, 0.4695,
0.4571

■ 95.0808, 0.2958,
0.3290

■ 42.4769, 0.4805,
0.4558

■ 42.1279, 0.4821,
0.4554

Harmonies

Analogous

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



68.4346, 0.3519, 0.3518



68.4346, 0.3428, 0.3623



68.4346, 0.3257, 0.3639

Triad

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



68.4346, 0.3428, 0.3623



68.4346, 0.2767, 0.3202



68.4346, 0.3190, 0.3047

Complementary

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



68.4346, 0.3428, 0.3623



55.8398, 0.2830, 0.2933

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.



68.4346, 0.2989, 0.2965



68.4346, 0.3428, 0.3623



68.4346, 0.2750, 0.3048

Square

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



68.4346, 0.3428, 0.3623



68.4346, 0.2878, 0.3390



68.4346, 0.2830, 0.2964



68.4346, 0.3379, 0.3188

Rectangle

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



68.4346, 0.3428, 0.3623



68.4346, 0.3123, 0.3592



68.4346, 0.2830, 0.2964



68.4346, 0.3121, 0.3012

Sweetspot

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



68.4377, 0.3428, 0.3623



96.2818, 0.3220, 0.3396



55.1057, 0.3382, 0.3148



20.5234, 0.3230, 0.3407



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.



68.4377, 0.3428, 0.3623



87.0462, 0.3493, 0.3691



73.4809, 0.3343, 0.3759



16.0810, 0.3275, 0.3457



24.7635, 0.4809, 0.4564



1.9870, 0.4698, 0.4652

Inverse Universe

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



55.8398, 0.2830, 0.2933



67.9555, 0.2767, 0.2854



51.6476, 0.2885, 0.2794



14.5580, 0.2981, 0.3118



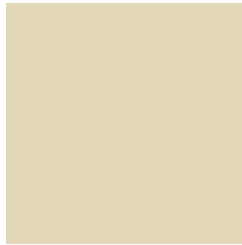
5.6254, 0.1603, 0.0972



0.5708, 0.1683, 0.1258

Previews

White Background



This preview shows how the Yxy color 68.4346, 0.3428, 0.3623 looks on a white background.

Color Contrast Check

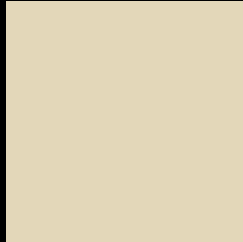
Large Text (above 18pt) WCAG AA × Fail

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 68.4346, 0.3428, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

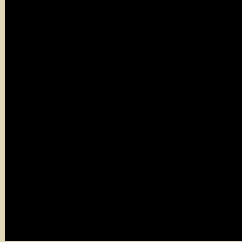
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

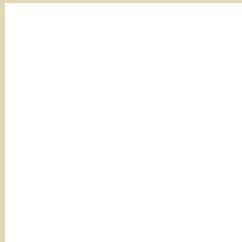
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4346, 0.3428, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 68.4346, 0.3428, 0.3623.

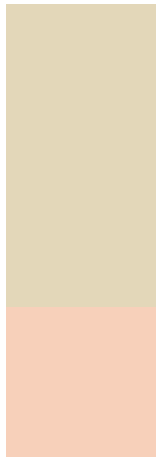


This preview shows how white text looks on a background with the Yxy color 68.4346, 0.3428, 0.3623.

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

68.4346, 0.3428, 0.3623

Protanopia

68.4346, 0.3428, 0.3623

Deuteranopia

68.4311, 0.3593, 0.3524



Tritanopia

68.2477, 0.3180, 0.3109

Trichromacy



Original Color

68.4346, 0.3428, 0.3623

Protanomaly

68.4346, 0.3428, 0.3623

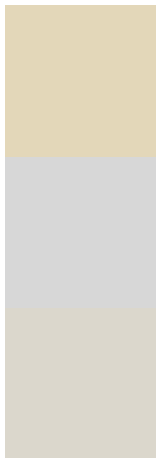
Deuteranomaly

68.6590, 0.3530, 0.3560

Tritanomaly

68.1147, 0.3270, 0.3290

Monochromacy



Original Color

68.4346, 0.3428, 0.3623

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.0206, 0.3232, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4346, 0.3428, 0.3623 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(227, 215, 185)` looks like.

```
.text, #text, p{  
    color:rgb(227, 215, 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(227, 215, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 215, 185) }
```

Border

The CSS property to change the border of an element to Yxy 68.4346, 0.3428, 0.3623 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(227, 215, 185) }
```

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

```
.border{ border-color:rgb(227, 215, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 215, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(227, 215, 185); -webkit-box-shadow:4px 4px 4px 4px rgb(227, 215, 185); box-shadow:4px 4px 4px 4px rgb(227, 215, 185) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4346, 0.3428, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 215, 185) }
```

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

```
.background{ background-color: rgb(227,  
215, 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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