

Converting Colors

Yxy(68.2268, 0.3411, 0.3644)

Have a look what the booklet for
Yxy(68.2268, 0.3411, 0.3644)
contains.

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Color

Yxy(68.4197, 0.3410, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	E0D8B8
RGB	224, 216, 184
RGB Percent	88%, 85%, 72%
CMY	0.1214, 0.1530, 0.2785
CMYK	0.00, 0.04, 0.18, 0.12
HSL	48°, 39%, 80%
HSV	48°, 18%, 88%
XYZ	63.9559, 68.4197, 55.1784
YIQ	214.7440, 15.0400, -8.2560

Conversions

Conversions Part 2

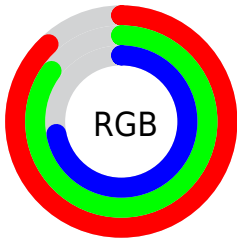
Format	Color
R _Y B	194, 224, 184
Decimal	14735544
CIE Lab	86.22, -2.44, 16.78
CIE LCh	86, 16.958, 98.277
Yxy	68.4197, 0.3410, 0.3648
Android (android.graphics.Color)	4292925624 (0xFFE0D8B8)
YUV	214.7440, -15.1568, 8.1175
Hunter-Lab	82.7162, -6.7377, 18.3501

Details

The Yxy color **68.4197, 0.3410, 0.3648** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.2888, 0.2839, 0.2905**, and the grayscale version is **67.8741, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **35.5634, 0.3482, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **65.2821, 0.3582, 0.3855**, and if you desaturate by 10%, it is **71.7753, 0.3247, 0.3445**.

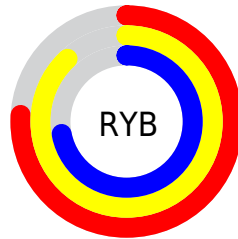
Distribution



Red (88%)

Green (85%)

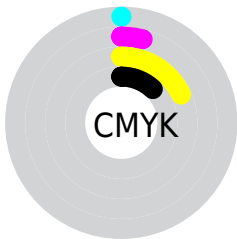
Blue (72%)



Red (76%)

Yellow (88%)

Blue (72%)

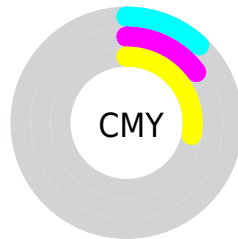


Cyan (0%)

Magenta (4%)

Yellow (18%)

Black (12%)



Cyan (12%)


Magenta (15%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.4197, 0.3410, 0.3648 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 68.4197, 0.3410, 0.3648 by changing the saturation by 10% instead.


 68.4197, 0.3410,
0.3648

 68.4197, 0.3410,
0.3648

454.9816, 0.3278,
0.3480

 50.2393, 0.3440,
0.3687


 116.9524, 0.3364,
0.3589

 35.6035, 0.3478,
0.3735


148.0734, 0.3346,
0.3566

 24.1282, 0.3525,
0.3797


184.2767, 0.3331,
0.3547

 15.4287, 0.3587,
0.3878

225.9467, 0.3318,
0.3530

 9.1208, 0.3670,
0.3990

273.4678, 0.3306,
0.3515

 4.8201, 0.3789,
0.4152

327.2244, 0.3296,

 2.1421, 0.3977,

0.3502

0.4413

387.6008, 0.3287,
0.3490

0.6881, 0.4635,
0.5365

0.0000, 0.0000,
0.0000

68.4197, 0.3410,
0.3648

68.4197, 0.3410,
0.3648

65.2821, 0.3582,
0.3855

71.7753, 0.3247,
0.3445

62.3460, 0.3760,
0.4060

75.3468, 0.3096,
0.3249

59.6062, 0.3938,
0.4253

79.1440, 0.2957,
0.3065

57.0541, 0.4109,
0.4425

81.9158, 0.2936,
0.3075

■ 54.6800, 0.4267,
0.4565

■ 84.5107, 0.2937,
0.3121

■ 52.4729, 0.4402,
0.4665

■ 87.1711, 0.2938,
0.3168

■ 50.4202, 0.4510,
0.4719

■ 89.8976, 0.2939,
0.3214

■ 48.5043, 0.4590,
0.4727

■ 92.6905, 0.2940,
0.3259

■ 48.1089, 0.4605,
0.4726

■ 94.5933, 0.2941,
0.3289

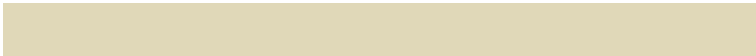
Harmonies

Analogous

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



68.4197, 0.3524, 0.3554



68.4197, 0.3410, 0.3648



68.4197, 0.3222, 0.3644

Triad

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



68.4197, 0.3410, 0.3648



68.4197, 0.2741, 0.3162



68.4197, 0.3234, 0.3062

Complementary

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



68.4197, 0.3410, 0.3648



53.2888, 0.2839, 0.2905

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.



68.4197, 0.3023, 0.2963



68.4197, 0.3410, 0.3648



68.4197, 0.2744, 0.3014

Square

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



68.4197, 0.3410, 0.3648



68.4197, 0.2838, 0.3355



68.4197, 0.2845, 0.2944



68.4197, 0.3422, 0.3218

Rectangle

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



68.4197, 0.3410, 0.3648



68.4197, 0.3081, 0.3582



68.4197, 0.2845, 0.2944



68.4197, 0.3163, 0.3022

Sweetspot

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



68.4227, 0.3410, 0.3648



97.5827, 0.3203, 0.3388



53.9672, 0.3399, 0.3192



20.8153, 0.3214, 0.3402



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.



68.4227, 0.3410, 0.3648



90.3466, 0.3465, 0.3716



70.8922, 0.3311, 0.3745



15.5374, 0.3272, 0.3476



28.1590, 0.4597, 0.4732



2.0720, 0.4523, 0.4790

Inverse Universe

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



53.2888, 0.2839, 0.2905



66.8899, 0.2781, 0.2825



51.3095, 0.2920, 0.2817



13.6869, 0.2981, 0.3097



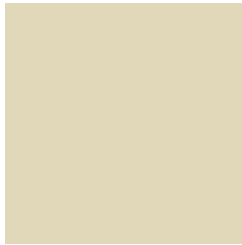
4.3548, 0.1556, 0.0803



0.4284, 0.1633, 0.1079

Previews

White Background



This preview shows how the Yxy color 68.4197, 0.3410, 0.3648 looks on a white background.

Color Contrast Check

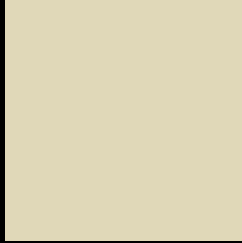
Large Text (above 18pt) WCAG AA × Fail

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 68.4197, 0.3410, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

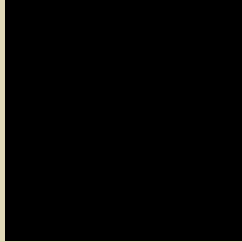
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

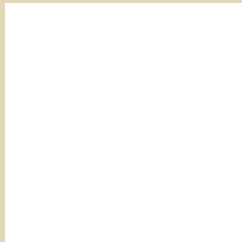
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.4197, 0.3410, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 68.4197, 0.3410, 0.3648.



This preview shows how white text looks on a background with the Yxy color 68.4197, 0.3410, 0.3648.

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

68.4197, 0.3410, 0.3648

Protanopia

68.3925, 0.3435, 0.3635

Deuteranopia

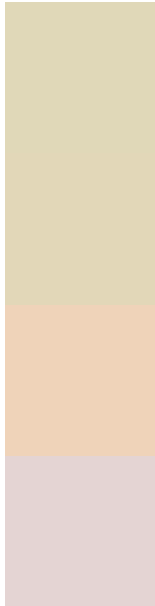
68.4311, 0.3593, 0.3524



Tritanopia

68.4072, 0.3165, 0.3119

Trichromacy



Original Color

68.4197, 0.3410, 0.3648

Protanomaly

68.2303, 0.3427, 0.3636

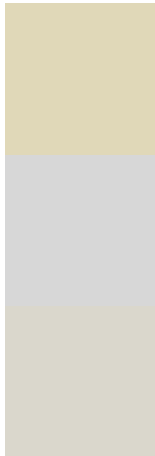
Deuteranomaly

68.4420, 0.3530, 0.3571

Tritanomaly

68.2841, 0.3254, 0.3301

Monochromacy



Original Color

68.4197, 0.3410, 0.3648

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.8659, 0.3225, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.4197, 0.3410, 0.3648 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(224, 216, 184)` looks like.

```
.text, #text, p{  
    color:rgb(224, 216, 184)  
}
```

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(224, 216, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 216, 184) }
```

Border

The CSS property to change the border of an element to Yxy 68.4197, 0.3410, 0.3648 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(224, 216, 184) }
```

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

```
.border{ border-color:rgb(224, 216, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 216, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 216, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 216, 184);  
box-shadow:4px 4px 4px 4px rgb(224, 216,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 68.4197, 0.3410, 0.3648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 216, 184) }
```

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

```
.background{ background-color: rgb(224,  
216, 184) }
```

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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