

Converting Colors

$Yxy(68.6070, 0.3397, 0.3646)$

Have a look what the booklet for
Yxy(68.6070, 0.3397, 0.3646)
contains.

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Color

Yxy(68.8165, 0.3393, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	DFD9B9
RGB	223, 217, 185
RGB Percent	87%, 85%, 73%
CMY	0.1254, 0.1490, 0.2744
CMYK	0.00, 0.03, 0.17, 0.13
HSL	51°, 37%, 80%
HSV	51°, 17%, 87%
XYZ	64.0061, 68.8165, 55.8191
YIQ	215.1460, 13.8480, -8.6800

Conversions

Conversions Part 2

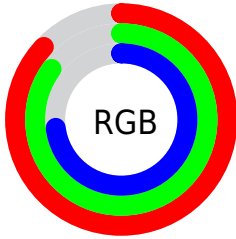
Format	Color
RYB	192, 223, 185
Decimal	14670265
CIELab	86.41, -3.18, 16.51
CIELCh	86, 16.809, 100.893
Yxy	68.8165, 0.3393, 0.3648
Android (android.graphics.Color)	4292860345 (0xFFDFD9B9)
YUV	215.1460, -14.8620, 6.8880
Hunter-Lab	82.9557, -7.4473, 18.1741

Details

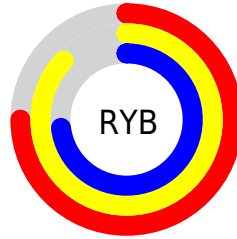
The Yxy color **68.8165, 0.3393, 0.3648** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.9229, 0.2853, 0.2905**, and the grayscale version is **68.1585, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **35.8314, 0.3460, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **66.1494, 0.3560, 0.3865**, and if you desaturate by 10%, it is **71.6764, 0.3233, 0.3435**.

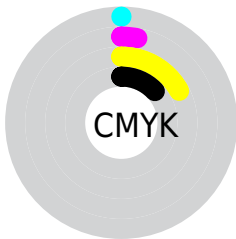
Distribution



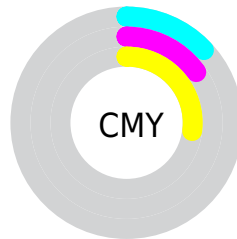
- Red (87%)
- Green (85%)
- Blue (73%)



- Red (75%)
- Yellow (87%)
- Blue (73%)



- Cyan (0%)
- Magenta (3%)
- Yellow (17%)
- Black (13%)





- Cyan (13%)
- Magenta (15%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.8165, 0.3393, 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 68.8165, 0.3393, 0.3648 by changing the saturation by 10% instead.

 68.8165, 0.3393,
0.3648

 68.8165, 0.3393,
0.3648

456.3835, 0.3269,
0.3480

 50.5623, 0.3421,
0.3687


 117.5194, 0.3350,
0.3589

 35.8604, 0.3456,
0.3736


148.7370, 0.3333,
0.3566

 24.3264, 0.3500,
0.3798


185.0444, 0.3319,
0.3547

 15.5759, 0.3558,
0.3879

226.8260, 0.3307,
0.3530

 9.2246, 0.3636,
0.3991

274.4664, 0.3296,
0.3515

 4.8879, 0.3746,
0.4154

328.3498, 0.3286,

 2.1817, 0.3917,

0.3502

0.4415

388.8608, 0.3277,
0.3490

0.7100, 0.4569,
0.5431

0.0000, 0.0000,
0.0000

68.8165, 0.3393,
0.3648

68.8165, 0.3393,
0.3648

66.1494, 0.3560,
0.3865

71.6764, 0.3233,
0.3435

63.6588, 0.3731,
0.4079

74.7267, 0.3084,
0.3231

61.3401, 0.3900,
0.4281

77.9765, 0.2946,
0.3038

59.1850, 0.4061,
0.4462

80.1310, 0.2929,
0.3044

■ 57.1843, 0.4206,
0.4611

■ 82.1289, 0.2930,
0.3081

■ 55.3276, 0.4328,
0.4720

■ 84.1669, 0.2931,
0.3118

■ 53.6028, 0.4423,
0.4783

■ 86.2452, 0.2931,
0.3154

■ 51.9940, 0.4490,
0.4802

■ 88.3641, 0.2932,
0.3190

■ 51.5317, 0.4507,
0.4803

■ 90.5238, 0.2933,
0.3227

Harmonies

Analogous

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



68.8165, 0.3514, 0.3562



68.8165, 0.3393, 0.3648



68.8165, 0.3203, 0.3634

Triad

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



68.8165, 0.3393, 0.3648



68.8165, 0.2742, 0.3149



68.8165, 0.3251, 0.3076

Complementary

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



68.8165, 0.3393, 0.3648



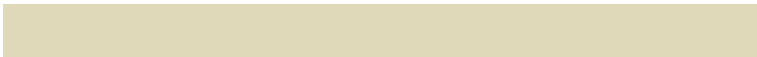
52.9229, 0.2853, 0.2905

Split Complementary

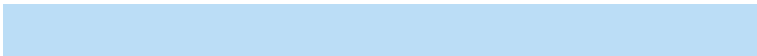
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.8165, 0.3042, 0.2972



68.8165, 0.3393, 0.3648



68.8165, 0.2753, 0.3007

Square

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



68.8165, 0.3393, 0.3648



68.8165, 0.2829, 0.3337



68.8165, 0.2861, 0.2946



68.8165, 0.3432, 0.3234

Rectangle

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



68.8165, 0.3393, 0.3648



68.8165, 0.3063, 0.3567



68.8165, 0.2861, 0.2946



68.8165, 0.3181, 0.3034

Sweetspot

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



68.8196, 0.3393, 0.3648



97.9247, 0.3203, 0.3393



54.1743, 0.3400, 0.3218



20.8986, 0.3214, 0.3408



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.



68.8196, 0.3393, 0.3648



92.0957, 0.3444, 0.3715



70.0401, 0.3288, 0.3725



15.6406, 0.3271, 0.3486



30.4334, 0.4502, 0.4808



2.2100, 0.4447, 0.4851

Inverse Universe

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



52.9229, 0.2853, 0.2905



67.1815, 0.2797, 0.2826



51.9984, 0.2946, 0.2843



13.5920, 0.2981, 0.3086



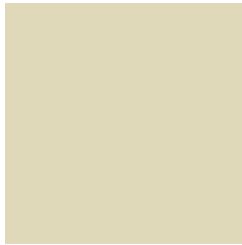
3.9563, 0.1539, 0.0738



0.3837, 0.1607, 0.0985

Previews

White Background



This preview shows how the Yxy color 68.8165, 0.3393, 0.3648 looks on a white background.

Color Contrast Check

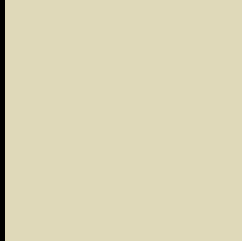
Large Text (above 18pt) WCAG AA × Fail

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 68.8165, 0.3393, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

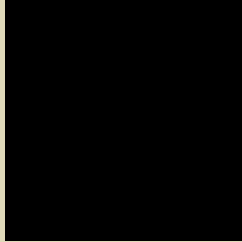
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

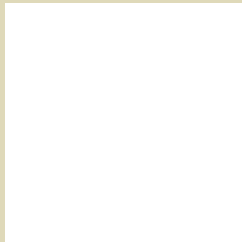
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.8165, 0.3393, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 68.8165, 0.3393, 0.3648.



This preview shows how white text looks on a background with the Yxy color 68.8165, 0.3393, 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

68.8165, 0.3393, 0.3648

Protanopia

68.9033, 0.3433, 0.3645

Deuteranopia

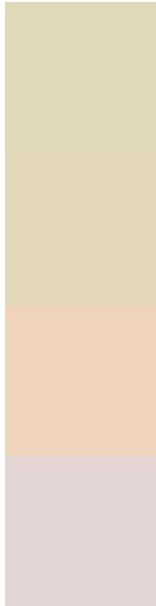
68.6561, 0.3593, 0.3513



Tritanopia

68.8480, 0.3143, 0.3109

Trichromacy



Original Color

68.8165, 0.3393, 0.3648

Protanomaly

68.7412, 0.3425, 0.3646

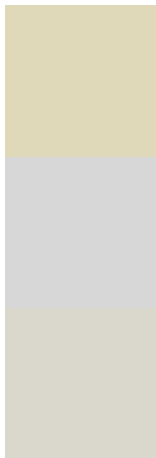
Deuteranomaly

68.4844, 0.3523, 0.3561

Tritanomaly

68.6729, 0.3238, 0.3301

Monochromacy



Original Color

68.8165, 0.3393, 0.3648

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.3768, 0.3224, 0.3424

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.8165, 0.3393, 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(223, 217, 185)` looks like.

```
.text, #text, p{  
    color:rgb(223, 217, 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(223, 217, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 217, 185) }
```

Border

The CSS property to change the border of an element to Yxy 68.8165, 0.3393, 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(223, 217, 185) }
```

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

```
.border{ border-color:rgb(223, 217, 185) }
```

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

Here you see how a box with a 4 pixel rgb(223, 217, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 217, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 217, 185);  
box-shadow:4px 4px 4px 4px rgb(223, 217,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 68.8165, 0.3393, 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(223, 217, 185) }
```

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

```
.background{ background-color: rgb(223,  
217, 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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