

Converting Colors

$Yxy(68.3006, 0.3387, 0.3633)$

Have a look what the booklet for
Yxy(68.3006, 0.3387, 0.3633)
contains.

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Color

Yxy(68.3449, 0.3388, 0.3626)

Conversions

Conversions Part 1

Format	Color
Hex	DFD8BA
RGB	223, 216, 186
RGB Percent	87%, 85%, 73%
CMY	0.1253, 0.1530, 0.2706
CMYK	0.00, 0.03, 0.17, 0.13
HSL	49°, 37%, 80%
HSV	49°, 17%, 87%
XYZ	63.8589, 68.3449, 56.2818
YIQ	214.6730, 13.8020, -7.8460

Conversions

Conversions Part 2

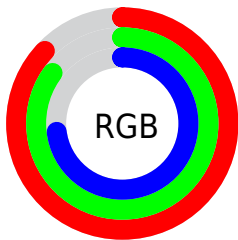
Format	Color
RYB	195, 223, 186
Decimal	14670010
CIELab	86.18, -2.50, 15.66
CIELCh	86, 15.860, 99.077
Yxy	68.3449, 0.3388, 0.3626
Android (android.graphics.Color)	4292860090 (0xFFDFD8BA)
YUV	214.6730, -14.1358, 7.3028
Hunter-Lab	82.6710, -6.7924, 17.5055

Details

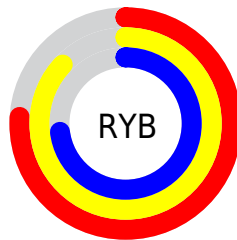
The Yxy color **68.3449, 0.3388, 0.3626** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.9306, 0.2861, 0.2930**, and the grayscale version is **67.8177, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1908, 0.3203, 0.3415**, and **35.5080, 0.3453, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **65.3264, 0.3558, 0.3836**, and if you desaturate by 10%, it is **71.5737, 0.3227, 0.3421**.

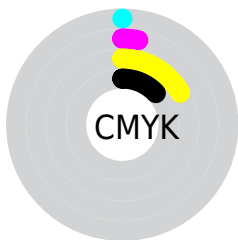
Distribution



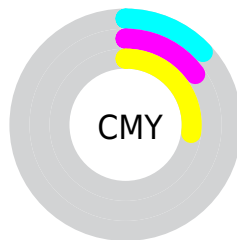
- Red (87%)
- Green (85%)
- Blue (73%)



- Red (76%)
- 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 68.3449, 0.3388, 0.3626 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 68.3449, 0.3388, 0.3626 by changing the saturation by 10% instead.

68.3449, 0.3388,
0.3626

68.3449, 0.3388,
0.3626

454.7170, 0.3266,
0.3468

50.1784, 0.3416,
0.3663

116.8454, 0.3346,
0.3571

35.5552, 0.3450,
0.3708

147.9482, 0.3329,
0.3549

24.0908, 0.3494,
0.3766

184.1318, 0.3315,
0.3531

15.4010, 0.3551,
0.3843

225.7808, 0.3303,
0.3515

9.1013, 0.3629,
0.3949

273.2794, 0.3292,
0.3501

4.8073, 0.3740,
0.4102

327.0120, 0.3283,

2.1347, 0.3912,

0.3489

0.4347

387.3631, 0.3274,
0.3478

0.6840, 0.4627,
0.5373

0.0000, 0.0000,
0.0000

68.3449, 0.3388,
0.3626

68.3449, 0.3388,
0.3626

65.3264, 0.3558,
0.3836

71.5737, 0.3227,
0.3421

62.5017, 0.3733,
0.4043

75.0105, 0.3078,
0.3225

59.8662, 0.3909,
0.4240

78.6647, 0.2941,
0.3040

57.4113, 0.4079,
0.4417

81.1710, 0.2929,
0.3063

■ 55.1277, 0.4235,
0.4564

■ 83.6014, 0.2930,
0.3108

■ 53.0048, 0.4370,
0.4670

■ 86.0900, 0.2931,
0.3151

■ 51.0305, 0.4478,
0.4732

■ 88.6372, 0.2933,
0.3195

■ 49.1891, 0.4557,
0.4746

■ 91.2432, 0.2934,
0.3238

■ 48.5853, 0.4580,
0.4746

■ 93.9086, 0.2935,
0.3281

Harmonies

Analogous

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



68.3449, 0.3497, 0.3541



68.3449, 0.3388, 0.3626



68.3449, 0.3211, 0.3619

Triad

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



68.3449, 0.3388, 0.3626



68.3449, 0.2764, 0.3167



68.3449, 0.3233, 0.3080

Complementary

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



68.3449, 0.3388, 0.3626



53.9306, 0.2861, 0.2930

Split Complementary

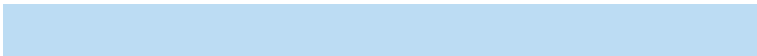
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



68.3449, 0.3035, 0.2985



68.3449, 0.3388, 0.3626



68.3449, 0.2769, 0.3029

Square

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



68.3449, 0.3388, 0.3626



68.3449, 0.2853, 0.3346



68.3449, 0.2867, 0.2965



68.3449, 0.3406, 0.3227

Rectangle

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



68.3449, 0.3388, 0.3626



68.3449, 0.3079, 0.3559



68.3449, 0.2867, 0.2965



68.3449, 0.3167, 0.3041

Sweetspot

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



68.3479, 0.3388, 0.3626



97.6683, 0.3203, 0.3389



54.6821, 0.3381, 0.3206



20.8361, 0.3214, 0.3404



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.



68.3479, 0.3388, 0.3626



91.1058, 0.3447, 0.3700



70.3273, 0.3293, 0.3712



15.5632, 0.3272, 0.3479



28.7144, 0.4573, 0.4751



2.1059, 0.4504, 0.4806

Inverse Universe

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



53.9306, 0.2861, 0.2930



67.9991, 0.2799, 0.2844



52.3350, 0.2942, 0.2854



13.6631, 0.2981, 0.3094



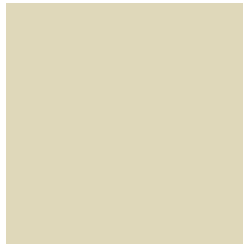
4.2464, 0.1552, 0.0785



0.4172, 0.1627, 0.1056

Previews

White Background



This preview shows how the Yxy color 68.3449, 0.3388, 0.3626 looks on a white background.

Color Contrast Check

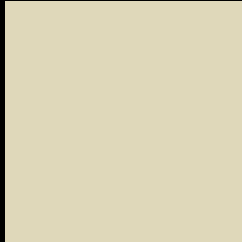
Large Text (above 18pt) WCAG AA × Fail

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 68.3449, 0.3388, 0.3626 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

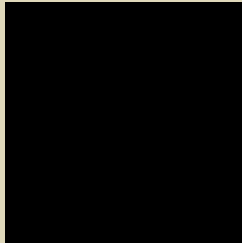
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

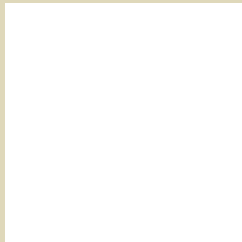
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.3449, 0.3388, 0.3626

Background



This preview shows how black text looks on a background with the Yxy color 68.3449, 0.3388, 0.3626.

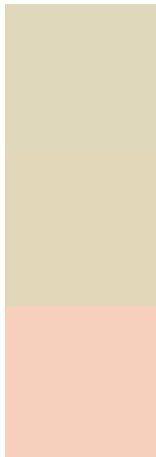


This preview shows how white text looks on a background with the Yxy color 68.3449, 0.3388, 0.3626.

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

68.3449, 0.3388, 0.3626

Protanopia

68.2724, 0.3420, 0.3624

Deuteranopia

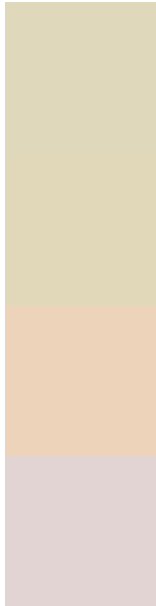
68.3354, 0.3570, 0.3503



Tritanopia

68.2973, 0.3150, 0.3108

Trichromacy



Original Color

68.3449, 0.3388, 0.3626

Protanomaly

68.1112, 0.3412, 0.3625

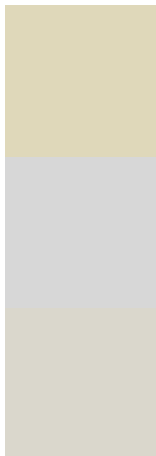
Deuteranomaly

68.3535, 0.3507, 0.3550

Tritanomaly

68.1713, 0.3239, 0.3290

Monochromacy



Original Color

68.3449, 0.3388, 0.3626

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 68.3449, 0.3388, 0.3626 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, 216, 186)` looks like.

```
.text, #text, p{  
    color:rgb(223, 216, 186)  
}
```

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, 216, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 216, 186) }
```

Border

The CSS property to change the border of an element to Yxy 68.3449, 0.3388, 0.3626 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, 216, 186) }
```

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

```
.border{ border-color:rgb(223, 216, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 216, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 216, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 216, 186);  
box-shadow:4px 4px 4px 4px rgb(223, 216,  
186) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3449, 0.3388, 0.3626 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 216, 186) }
```

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

```
.background{ background-color: rgb(223,  
216, 186) }
```

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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