

Converting Colors

$Yxy(68.3067, 0.3575, 0.3717)$

Have a look what the booklet for
Yxy(68.3067, 0.3575, 0.3717)
contains.

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Color

Yxy(68.3067, 0.3575, 0.3717)

Conversions

Conversions Part 1

Format	Color
Hex	EBD5AE
RGB	235, 213, 174
RGB Percent	92%, 84%, 68%
CMY	0.0784, 0.1647, 0.3177
CMYK	0.00, 0.09, 0.26, 0.08
HSL	38°, 60%, 80%
HSV	38°, 26%, 92%
XYZ	65.6972, 68.3067, 49.7645
YIQ	215.1320, 25.6310, -7.4650

Conversions

Conversions Part 2

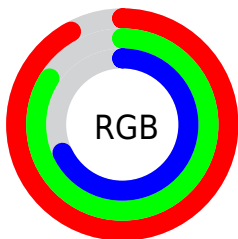
Format	Color
RYB	208, 235, 174
Decimal	15455662
CIELab	86.16, 1.74, 22.08
CIElCh	86, 22.148, 85.488
Yxy	68.3067, 0.3575, 0.3717
Android (android.graphics.Color)	4293645742 (0xFFEBD5AE)
YUV	215.1320, -20.2781, 17.4242
Hunter-Lab	82.6479, -2.7433, 22.1534

Details

The Yxy color **68.3067, 0.3575, 0.3717** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.4792, 0.2704, 0.2822**, and the grayscale version is **68.1784, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **35.4179, 0.3692, 0.3816** is the 20% darker color. If you saturate the color by 10%, you get **63.3183, 0.3777, 0.3887**, and if you desaturate by 10%, it is **73.6846, 0.3389, 0.3548**.

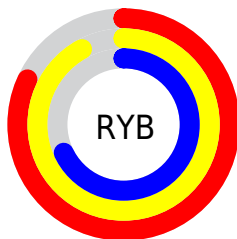
Distribution



Red (92%)

Green (84%)

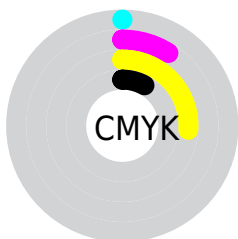
Blue (68%)



Red (82%)

Yellow (92%)

Blue (68%)

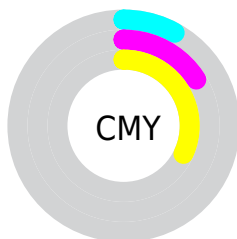


Cyan (0%)

Magenta (9%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (16%)

Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.3067, 0.3575, 0.3717 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 68.3067, 0.3575, 0.3717 by changing the saturation by 10% instead.

 68.3067, 0.3575,
0.3717

 68.3067, 0.3575,
0.3717


454.5819, 0.3366,
0.3519

 50.1473, 0.3623,
0.3762


 116.7908, 0.3502,
0.3648

 35.5304, 0.3682,
0.3818


147.8843, 0.3474,
0.3622

 24.0718, 0.3757,
0.3887


184.0579, 0.3450,
0.3599

 15.3869, 0.3855,
0.3978

225.6960, 0.3428,
0.3579

 9.0913, 0.3986,
0.4098

273.1831, 0.3410,
0.3561

 4.8008, 0.4170,
0.4263

326.9035, 0.3393,

 2.1309, 0.4534,

0.3545

387.2417, 0.3379,
0.3531

0.4595

0.6819, 0.5032,
0.4968

0.0000, 0.0000,
0.0000

68.3067, 0.3575,
0.3717

68.3067, 0.3575,
0.3717

63.3183, 0.3777,
0.3887

73.6846, 0.3389,
0.3548

58.6983, 0.3992,
0.4051

79.4537, 0.3220,
0.3384

54.4374, 0.4213,
0.4199

85.6276, 0.3068,
0.3228

50.5218, 0.4432,
0.4319

91.3502, 0.3006,
0.3209

■ 46.9365, 0.4639,
0.4400

■ 96.4038, 0.3005,
0.3290

■ 43.6647, 0.4820,
0.4432

■ 40.6858, 0.4969,
0.4412

■ 39.5541, 0.5022,
0.4394

Harmonies

Analogous

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



68.3067, 0.3669, 0.3548



68.3067, 0.3575, 0.3717



68.3067, 0.3361, 0.3776

Triad

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



68.3067, 0.3575, 0.3717



68.3067, 0.2665, 0.3224



68.3067, 0.3146, 0.2931

Complementary

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



68.3067, 0.3575, 0.3717



54.4792, 0.2704, 0.2822

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.



68.3067, 0.2882, 0.2843



68.3067, 0.3575, 0.3717



68.3067, 0.2613, 0.2998

Square

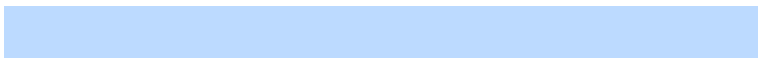
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



68.3067, 0.3575, 0.3717



68.3067, 0.2837, 0.3483



68.3067, 0.2690, 0.2865



68.3067, 0.3416, 0.3103

Rectangle

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



68.3067, 0.3575, 0.3717



68.3067, 0.3182, 0.3735



68.3067, 0.2690, 0.2865



68.3067, 0.3054, 0.2891

Sweetspot

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



68.3098, 0.3575, 0.3717



94.1498, 0.3253, 0.3417



51.9376, 0.3480, 0.3043



19.9240, 0.3278, 0.3442



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.



68.3098, 0.3575, 0.3717



79.0506, 0.3678, 0.3805



78.7886, 0.3460, 0.3951



16.6601, 0.3277, 0.3440



22.2621, 0.5006, 0.4407



1.9294, 0.4864, 0.4520

Inverse Universe

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



54.4792, 0.2704, 0.2822



59.8504, 0.2613, 0.2713



46.2314, 0.2738, 0.2560



15.4383, 0.2980, 0.3135



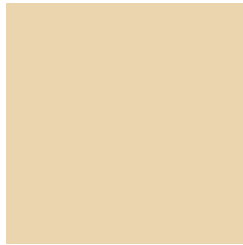
7.1538, 0.1654, 0.1154



0.7386, 0.1731, 0.1431

Previews

White Background



This preview shows how the Yxy color 68.3067, 0.3575, 0.3717 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 68.3067, 0.3575, 0.3717 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

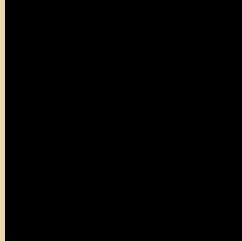
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 68.3067, 0.3575, 0.3717

Background



This preview shows how black text looks on a background with the Yxy color 68.3067, 0.3575, 0.3717.

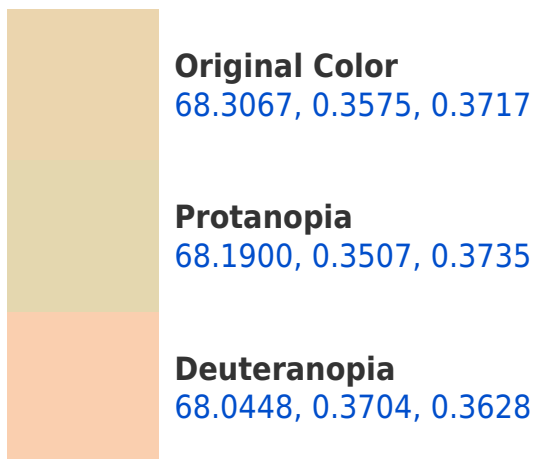


This preview shows how white text looks on a background with the Yxy color 68.3067, 0.3575, 0.3717.

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





Tritanopia

68.1173, 0.3279, 0.3123

Trichromacy



Original Color

68.3067, 0.3575, 0.3717

Protanomaly

68.1772, 0.3533, 0.3721

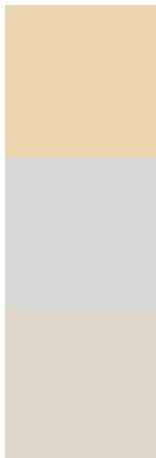
Deuteranomaly

68.1086, 0.3658, 0.3654

Tritanomaly

68.3594, 0.3385, 0.3333

Monochromacy



Original Color

68.3067, 0.3575, 0.3717

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.7929, 0.3284, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.3067, 0.3575, 0.3717 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(235, 213, 174)` looks like.

```
.text, #text, p{  
    color:rgb(235, 213, 174)  
}
```

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(235, 213, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 213, 174) }
```

Border

The CSS property to change the border of an element to Yxy 68.3067, 0.3575, 0.3717 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(235, 213, 174) }
```

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

```
.border{ border-color:rgb(235, 213, 174) }
```

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

Here you see how a box with a 4 pixel rgb(235, 213, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 213, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 213, 174);  
box-shadow:4px 4px 4px 4px rgb(235, 213,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 68.3067, 0.3575, 0.3717 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 213, 174) }
```

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

```
.background{ background-color: rgb(235,  
213, 174) }
```

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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