

Converting Colors

Yxy(67.8802, 0.3491, 0.3592)

Have a look what the booklet for
Yxy(67.8802, 0.3491, 0.3592)
contains.

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Color

Yxy(68.0401, 0.3496, 0.3597)

Conversions

Conversions Part 1

Format	Color
Hex	EAD4B8
RGB	234, 212, 184
RGB Percent	92%, 83%, 72%
CMY	0.0823, 0.1686, 0.2785
CMYK	0.00, 0.09, 0.21, 0.08
HSL	34°, 54%, 82%
HSV	34°, 21%, 92%
XYZ	66.1296, 68.0401, 54.9882
YIQ	215.3860, 22.1000, -4.0440

Conversions

Conversions Part 2

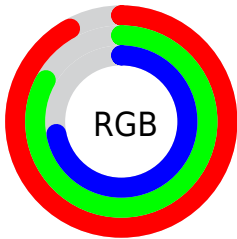
Format	Color
RYB	223, 234, 184
Decimal	15389880
CIELab	86.03, 3.28, 16.64
CIElCh	86, 16.959, 78.835
Yxy	68.0401, 0.3496, 0.3597
Android (android.graphics.Color)	4293579960 (0xFFEAD4B8)
YUV	215.3860, -15.4733, 16.3245
Hunter-Lab	82.4864, -1.2473, 18.2158

Details

The Yxy color **68.0401, 0.3496, 0.3597** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **60.2747, 0.2786, 0.2962**, and the grayscale version is **68.3284, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **35.2176, 0.3588, 0.3662** is the 20% darker color. If you saturate the color by 10%, you get **62.1560, 0.3702, 0.3748**, and if you desaturate by 10%, it is **74.4211, 0.3312, 0.3449**.

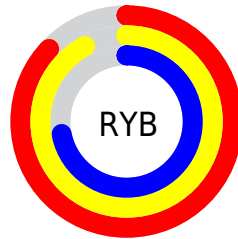
Distribution



Red (92%)

Green (83%)

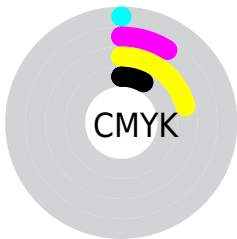
Blue (72%)



Red (87%)

Yellow (92%)

Blue (72%)

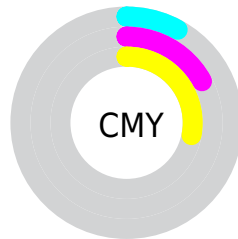


Cyan (0%)

Magenta (9%)

Yellow (21%)

Black (8%)



Cyan (8%)


Magenta (17%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0401, 0.3496, 0.3597 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 68.0401, 0.3496, 0.3597 by changing the saturation by 10% instead.


 68.0401, 0.3496,
0.3597

 68.0401, 0.3496,
0.3597


453.6381, 0.3323,
0.3455

 49.9304, 0.3536,
0.3629


 116.4095, 0.3435,
0.3548

 35.3581, 0.3586,
0.3669


147.4380, 0.3412,
0.3528

 23.9388, 0.3649,
0.3720


183.5414, 0.3392,
0.3512

 15.2882, 0.3732,
0.3786

225.1043, 0.3374,
0.3497

 9.0219, 0.3846,
0.3874

272.5111, 0.3359,
0.3485

 4.7555, 0.4011,
0.3999

326.1460, 0.3346,

 2.1045, 0.4276,

0.3474

0.4193

386.3935, 0.3334,
0.3464

0.6672, 0.5171,
0.4829

0.0000, 0.0000,
0.0000

68.0401, 0.3496,
0.3597

68.0401, 0.3496,
0.3597

62.1560, 0.3702,
0.3748

74.4211, 0.3312,
0.3449

56.7455, 0.3927,
0.3897

81.3031, 0.3148,
0.3309

51.7968, 0.4169,
0.4036

88.7018, 0.3004,
0.3177

47.2940, 0.4420,
0.4154

95.0877, 0.2999,
0.3272

■ 43.2198, 0.4669,
0.4239

■ 96.2351, 0.2999,
0.3290

■ 39.5550, 0.4902,
0.4278

■ 36.2781, 0.5104,
0.4263

■ 33.7377, 0.5251,
0.4212

Harmonies

Analogous

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



68.0401, 0.3542, 0.3456



68.0401, 0.3496, 0.3597



68.0401, 0.3350, 0.3660

Triad

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



68.0401, 0.3496, 0.3597



68.0401, 0.2793, 0.3285



68.0401, 0.3096, 0.2989

Complementary

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



68.0401, 0.3496, 0.3597



60.2747, 0.2786, 0.2962

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.



68.0401, 0.2900, 0.2940



68.0401, 0.3496, 0.3597



68.0401, 0.2730, 0.3102

Square

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



68.0401, 0.3496, 0.3597



68.0401, 0.2944, 0.3478



68.0401, 0.2768, 0.2979



68.0401, 0.3306, 0.3112

Rectangle

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



68.0401, 0.3496, 0.3597



68.0401, 0.3218, 0.3643



68.0401, 0.2768, 0.2979



68.0401, 0.3026, 0.2964

Sweetspot

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



68.0432, 0.3496, 0.3597



94.8327, 0.3222, 0.3373



56.2523, 0.3370, 0.3044



20.1806, 0.3232, 0.3382



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.



68.0432, 0.3496, 0.3597



79.2185, 0.3591, 0.3669



79.3896, 0.3431, 0.3826



16.4533, 0.3279, 0.3422



19.2109, 0.5230, 0.4229



1.6997, 0.5047, 0.4374

Inverse Universe

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



60.2747, 0.2786, 0.2962



68.0786, 0.2707, 0.2879



50.7186, 0.2786, 0.2698



15.6397, 0.2980, 0.3155



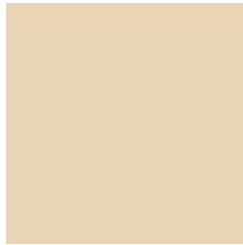
9.0275, 0.1719, 0.1386



0.8976, 0.1793, 0.1654

Previews

White Background



This preview shows how the Yxy color 68.0401, 0.3496, 0.3597 looks on a white background.

Color Contrast Check

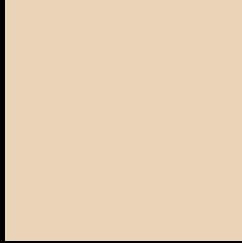
Large Text (above 18pt) WCAG AA × Fail

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 68.0401, 0.3496, 0.3597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

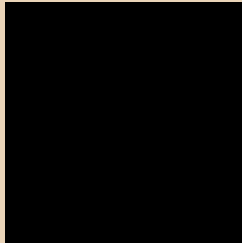
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

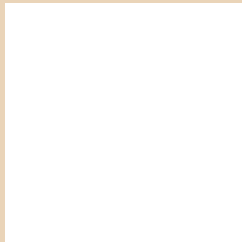
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0401, 0.3496, 0.3597

Background



This preview shows how black text looks on a background with the Yxy color 68.0401, 0.3496, 0.3597.



This preview shows how white text looks on a background with the Yxy color 68.0401, 0.3496, 0.3597.

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

68.0401, 0.3496, 0.3597

Protanopia

68.2724, 0.3420, 0.3624

Deuteranopia

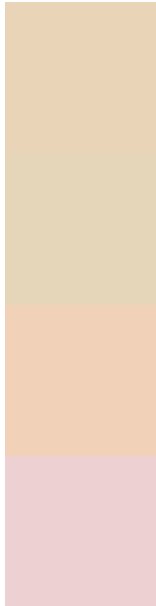
67.9026, 0.3603, 0.3524



Tritanopia

67.8210, 0.3257, 0.3111

Trichromacy



Original Color

68.0401, 0.3496, 0.3597

Protanomaly

68.2539, 0.3445, 0.3611

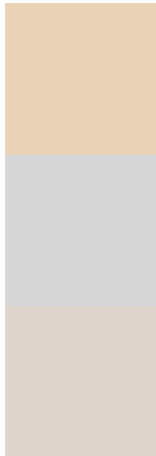
Deuteranomaly

67.9810, 0.3559, 0.3548

Tritanomaly

67.7197, 0.3341, 0.3280

Monochromacy



Original Color

68.0401, 0.3496, 0.3597

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

67.9824, 0.3256, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0401, 0.3496, 0.3597 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(234, 212, 184)` looks like.

```
.text, #text, p{  
    color:rgb(234, 212, 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(234, 212, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 212, 184) }
```

Border

The CSS property to change the border of an element to Yxy 68.0401, 0.3496, 0.3597 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(234, 212, 184) }
```

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

```
.border{ border-color:rgb(234, 212, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 212, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 212, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 212, 184);  
box-shadow:4px 4px 4px 4px rgb(234, 212,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0401, 0.3496, 0.3597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 212, 184) }
```

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

```
.background{ background-color: rgb(234,  
212, 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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