

Converting Colors

Yxy(68.0899, 0.3437, 0.3612)

Have a look what the booklet for
Yxy(68.0899, 0.3437, 0.3612)
contains.

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Color

Yxy(68.0899, 0.3437, 0.3612)

Conversions

Conversions Part 1

Format	Color
Hex	E4D6B9
RGB	228, 214, 185
RGB Percent	89%, 84%, 73%
CMY	0.1060, 0.1607, 0.2745
CMYK	0.00, 0.06, 0.19, 0.11
HSL	41°, 44%, 81%
HSV	41°, 19%, 89%
XYZ	64.7910, 68.0899, 55.6294
YIQ	214.8800, 17.6530, -6.0510

Conversions

Conversions Part 2

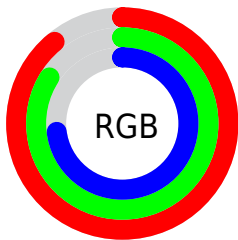
Format	Color
R _Y B	206, 228, 185
Decimal	14997177
CIE Lab	86.05, 0.17, 16.06
CIE LCh	86, 16.065, 89.406
Yxy	68.0899, 0.3437, 0.3612
Android (android.graphics.Color)	4293187257 (0xFFE4D6B9)
YUV	214.8800, -14.7308, 11.5062
Hunter-Lab	82.5166, -4.2482, 17.7907

Details

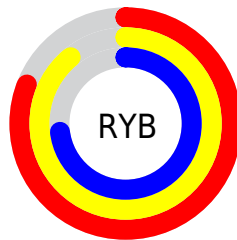
The Yxy color **68.0899, 0.3437, 0.3612** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **56.7421, 0.2825, 0.2946**, and the grayscale version is **67.9616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **35.2329, 0.3510, 0.3683** is the 20% darker color. If you saturate the color by 10%, you get **63.5431, 0.3624, 0.3791**, and if you desaturate by 10%, it is **72.9675, 0.3265, 0.3438**.

Distribution



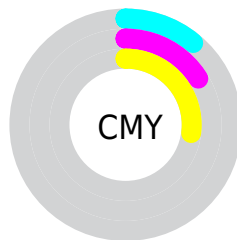
- Red (89%)
- Green (84%)
- Blue (73%)



- Red (81%)
- Yellow (89%)
- Blue (73%)



- Cyan (0%)
- Magenta (6%)
- Yellow (19%)
- Black (11%)





- Cyan (11%)
- Magenta (16%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.0899, 0.3437, 0.3612 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 68.0899, 0.3437, 0.3612 by changing the saturation by 10% instead.

 68.0899, 0.3437,
0.3612

 68.0899, 0.3437,
0.3612

453.8145, 0.3292,
0.3461

 49.9709, 0.3470,
0.3647

 116.4807, 0.3386,
0.3559

 35.3903, 0.3512,
0.3690


147.5214, 0.3367,
0.3539

 23.9637, 0.3565,
0.3744


183.6379, 0.3350,
0.3522

 15.3067, 0.3634,
0.3816

225.2149, 0.3335,
0.3506

 9.0349, 0.3728,
0.3914

272.6367, 0.3322,
0.3493

 4.7639, 0.3864,
0.4054

326.2876, 0.3311,

 2.1094, 0.4079,

0.3481

0.4276

386.5520, 0.3301,
0.3471

0.6699, 0.4889,
0.5111

0.0000, 0.0000,
0.0000

68.0899, 0.3437,
0.3612

68.0899, 0.3437,
0.3612

63.5431, 0.3624,
0.3791

72.9675, 0.3265,
0.3438

59.3083, 0.3823,
0.3968

78.1758, 0.3110,
0.3271

55.3785, 0.4031,
0.4135

83.7265, 0.2970,
0.3115

51.7425, 0.4240,
0.4283

88.1865, 0.2962,
0.3175

■ 48.3884, 0.4442,
0.4400

■ 92.7226, 0.2963,
0.3250

■ 45.3027, 0.4626,
0.4476

■ 95.2286, 0.2964,
0.3290

■ 42.4700, 0.4782,
0.4501

■ 39.8678, 0.4907,
0.4478

■ 39.5789, 0.4921,
0.4475

Harmonies

Analogous

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



68.0899, 0.3517, 0.3501



68.0899, 0.3437, 0.3612



68.0899, 0.3274, 0.3637

Triad

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



68.0899, 0.3437, 0.3612



68.0899, 0.2779, 0.3221



68.0899, 0.3169, 0.3039

Complementary

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



68.0899, 0.3437, 0.3612



56.7421, 0.2825, 0.2946

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.



68.0899, 0.2973, 0.2965



68.0899, 0.3437, 0.3612



68.0899, 0.2752, 0.3063

Square

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



68.0899, 0.3437, 0.3612



68.0899, 0.2896, 0.3406



68.0899, 0.2822, 0.2972



68.0899, 0.3360, 0.3174

Rectangle

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



68.0899, 0.3437, 0.3612



68.0899, 0.3143, 0.3598



68.0899, 0.2822, 0.2972



68.0899, 0.3102, 0.3006

Sweetspot

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



68.0929, 0.3437, 0.3612



95.9242, 0.3220, 0.3390



55.3280, 0.3376, 0.3130



20.4388, 0.3231, 0.3401



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.



68.0929, 0.3437, 0.3612



85.2258, 0.3515, 0.3689



74.3137, 0.3358, 0.3766



15.9867, 0.3276, 0.3448



23.0859, 0.4907, 0.4486



1.8731, 0.4777, 0.4589

Inverse Universe

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



56.7421, 0.2825, 0.2946



67.8056, 0.2751, 0.2857



51.5285, 0.2869, 0.2783



14.6476, 0.2981, 0.3127



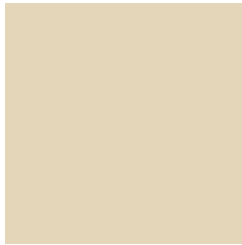
6.2572, 0.1628, 0.1062



0.6265, 0.1709, 0.1353

Previews

White Background



This preview shows how the Yxy color 68.0899, 0.3437, 0.3612 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 68.0899, 0.3437, 0.3612 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

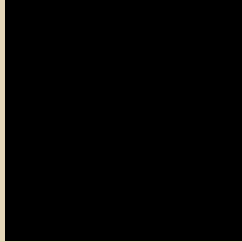
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

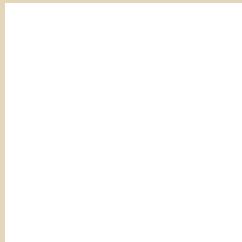
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.0899, 0.3437, 0.3612

Background



This preview shows how black text looks on a background with the Yxy color 68.0899, 0.3437, 0.3612.



This preview shows how white text looks on a background with the Yxy color 68.0899, 0.3437, 0.3612.

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

68.0899, 0.3437, 0.3612

Protanopia

68.2724, 0.3420, 0.3624

Deuteranopia

67.7636, 0.3588, 0.3514



Tritanopia

67.8716, 0.3195, 0.3109

Trichromacy



Original Color

68.0899, 0.3437, 0.3612

Protanomaly

68.4346, 0.3428, 0.3623

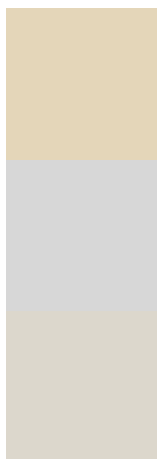
Deuteranomaly

67.9891, 0.3525, 0.3550

Tritanomaly

67.7353, 0.3286, 0.3290

Monochromacy



Original Color

68.0899, 0.3437, 0.3612

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.1762, 0.3240, 0.3413

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.0899, 0.3437, 0.3612 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(228, 214, 185)` looks like.

```
.text, #text, p{  
    color:rgb(228, 214, 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(228, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 214, 185) }
```

Border

The CSS property to change the border of an element to Yxy 68.0899, 0.3437, 0.3612 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(228, 214, 185) }
```

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

```
.border{ border-color:rgb(228, 214, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 214, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 214, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 214, 185);  
box-shadow:4px 4px 4px 4px rgb(228, 214,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 68.0899, 0.3437, 0.3612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 214, 185) }
```

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

```
.background{ background-color: rgb(228,  
214, 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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