

Converting Colors

$Yxy(67.5199, 0.3442, 0.3644)$

Have a look what the booklet for
Yxy(67.5199, 0.3442, 0.3644)
contains.

Yxy(67.6393, 0.3443, 0.3648)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(67.6393, 0.3443, 0.3648)

Conversions

Conversions Part 1

Format	Color
Hex	E2D6B6
RGB	226, 214, 182
RGB Percent	89%, 84%, 71%
CMY	0.1140, 0.1607, 0.2863
CMYK	0.00, 0.05, 0.19, 0.11
HSL	44°, 43%, 80%
HSV	44°, 19%, 89%
XYZ	63.8383, 67.6393, 53.9372
YIQ	213.9400, 17.4240, -7.4080

Conversions

Conversions Part 2

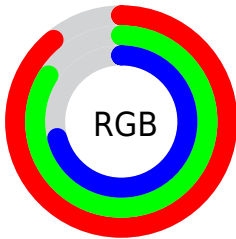
Format	Color
R _Y B	199, 226, 182
Decimal	14866102
CIE Lab	85.83, -1.03, 17.31
CIE LCh	86, 17.344, 93.399
Yxy	67.6393, 0.3443, 0.3648
Android (android.graphics.Color)	4293056182 (0xFFE2D6B6)
YUV	213.9400, -15.7464, 10.5766
Hunter-Lab	82.2431, -5.3712, 18.6863

Details

The Yxy color **67.6393, 0.3443, 0.3648** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **53.9680, 0.2813, 0.2904**, and the grayscale version is **67.2979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.9530, 0.3226, 0.3454**, and **34.9273, 0.3518, 0.3730** is the 20% darker color. If you saturate the color by 10%, you get **63.7404, 0.3624, 0.3839**, and if you desaturate by 10%, it is **71.8115, 0.3274, 0.3460**.

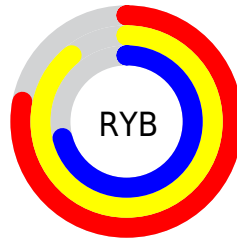
Distribution



Red (89%)

Green (84%)

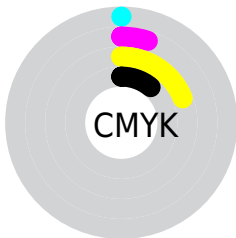
Blue (71%)



Red (78%)

Yellow (89%)

Blue (71%)

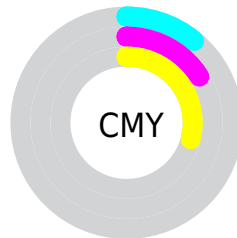


Cyan (0%)

Magenta (5%)

Yellow (19%)

Black (11%)



Cyan (11%)


Magenta (16%)


Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6393, 0.3443, 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 67.6393, 0.3443, 0.3648 by changing the saturation by 10% instead.


 67.6393, 0.3443,
0.3648

 67.6393, 0.3443,
0.3648


452.2170, 0.3295,
0.3480

 49.6043, 0.3477,
0.3687


 115.8360, 0.3392,
0.3589

 35.0991, 0.3519,
0.3735


146.7665, 0.3372,
0.3567

 23.7392, 0.3573,
0.3796


182.7643, 0.3354,
0.3547

 15.1403, 0.3642,
0.3877

224.2139, 0.3339,
0.3530

 8.9179, 0.3738,
0.3987

271.4995, 0.3326,
0.3515

 4.6877, 0.3873,
0.4146

325.0056, 0.3315,

 2.0652, 0.4099,

0.3502

0.4411

385.1167, 0.3305,
0.3490

0.6449, 0.4769,
0.5231

0.0000, 0.0000,
0.0000

67.6393, 0.3443,
0.3648

67.6393, 0.3443,
0.3648

63.7404, 0.3624,
0.3839

71.8115, 0.3274,
0.3460

60.0973, 0.3815,
0.4028

76.2558, 0.3119,
0.3280

56.7038, 0.4009,
0.4205

80.9829, 0.2978,
0.3111

53.5502, 0.4201,
0.4362

84.8309, 0.2949,
0.3122

■ 50.6255, 0.4380,
0.4486

■ 88.4677, 0.2950,
0.3185

■ 47.9176, 0.4540,
0.4567

■ 92.2270, 0.2951,
0.3247

■ 45.4122, 0.4671,
0.4601

■ 94.8989, 0.2952,
0.3289

■ 43.0868, 0.4773,
0.4589

■ 42.9638, 0.4778,
0.4588

Harmonies

Analogous

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



67.6393, 0.3544, 0.3538



67.6393, 0.3443, 0.3648



67.6393, 0.3258, 0.3662

Triad

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



67.6393, 0.3443, 0.3648



67.6393, 0.2741, 0.3189



67.6393, 0.3202, 0.3035

Complementary

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



67.6393, 0.3443, 0.3648



53.9680, 0.2813, 0.2904

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.



67.6393, 0.2986, 0.2946



67.6393, 0.3443, 0.3648



67.6393, 0.2726, 0.3026

Square

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



67.6393, 0.3443, 0.3648



67.6393, 0.2855, 0.3389



67.6393, 0.2814, 0.2940



67.6393, 0.3402, 0.3188

Rectangle

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



67.6393, 0.3443, 0.3648



67.6393, 0.3115, 0.3610



67.6393, 0.2814, 0.2940



67.6393, 0.3128, 0.2997

Sweetspot

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



67.6423, 0.3443, 0.3648



96.4364, 0.3220, 0.3398



53.5228, 0.3404, 0.3149



20.5600, 0.3230, 0.3410



0.0000, 0.0000, 0.0000



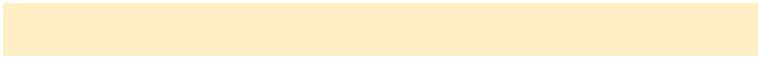
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.6423, 0.3443, 0.3648



87.0562, 0.3509, 0.3719



72.3986, 0.3349, 0.3784



15.3684, 0.3274, 0.3460



24.7321, 0.4767, 0.4597



1.8603, 0.4659, 0.4683

Inverse Universe

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



53.9680, 0.2813, 0.2904



66.2122, 0.2749, 0.2821



50.0790, 0.2877, 0.2767



13.8447, 0.2981, 0.3114



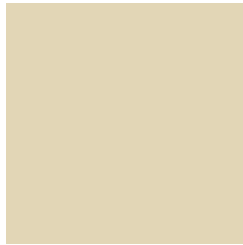
5.2208, 0.1594, 0.0938



0.5083, 0.1678, 0.1239

Previews

White Background



This preview shows how the Yxy color 67.6393, 0.3443, 0.3648 looks on a white background.

Color Contrast Check

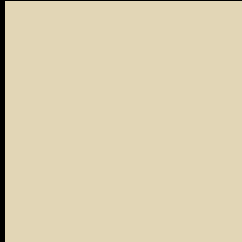
Large Text (above 18pt) WCAG AA × Fail

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 67.6393, 0.3443, 0.3648 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

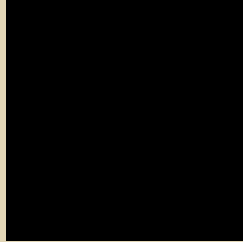
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

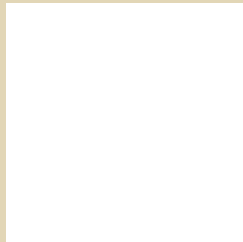
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6393, 0.3443, 0.3648

Background



This preview shows how black text looks on a background with the Yxy color 67.6393, 0.3443, 0.3648.



This preview shows how white text looks on a background with the Yxy color 67.6393, 0.3443, 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

67.6393, 0.3443, 0.3648

Protanopia

67.6393, 0.3443, 0.3648

Deuteranopia

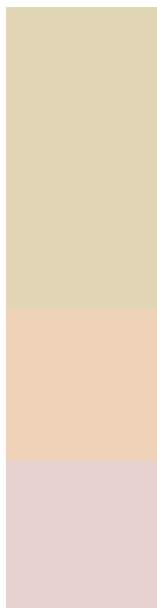
67.6374, 0.3611, 0.3546



Tritanopia

67.4825, 0.3188, 0.3119

Trichromacy



Original Color

67.6393, 0.3443, 0.3648

Protanomaly

67.6393, 0.3443, 0.3648

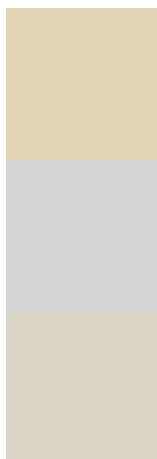
Deuteranomaly

67.8628, 0.3547, 0.3583

Tritanomaly

67.3546, 0.3278, 0.3301

Monochromacy



Original Color

67.6393, 0.3443, 0.3648

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.2628, 0.3239, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6393, 0.3443, 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(226, 214, 182)` looks like.

```
.text, #text, p{  
    color:rgb(226, 214, 182)  
}
```

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(226, 214, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 214, 182) }
```

Border

The CSS property to change the border of an element to Yxy 67.6393, 0.3443, 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(226, 214, 182) }
```

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

```
.border{ border-color:rgb(226, 214, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 214, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 214, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 214, 182);  
box-shadow:4px 4px 4px 4px rgb(226, 214,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6393, 0.3443, 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(226, 214, 182) }
```

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

```
.background{ background-color: rgb(226,  
214, 182) }
```

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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