

Converting Colors

Yxy(67.4432, 0.3406, 0.3615)

Have a look what the booklet for
Yxy(67.4432, 0.3406, 0.3615)
contains.

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Color

Yxy(67.4432, 0.3406, 0.3615)

Conversions

Conversions Part 1

Format	Color
Hex	E0D6B9
RGB	224, 214, 185
RGB Percent	88%, 84%, 73%
CMY	0.1216, 0.1608, 0.2744
CMYK	0.00, 0.04, 0.17, 0.12
HSL	45°, 39%, 80%
HSV	45°, 17%, 88%
XYZ	63.5440, 67.4432, 55.5777
YIQ	213.6840, 15.2690, -6.8990

Conversions

Conversions Part 2

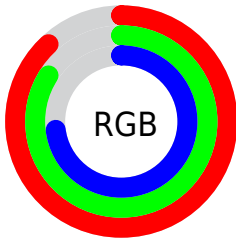
Format	Color
R _Y B	198, 224, 185
Decimal	14735033
CIE Lab	85.73, -1.28, 15.56
CIE LCh	86, 15.607, 94.696
Yxy	67.4432, 0.3406, 0.3615
Android (android.graphics.Color)	4292925113 (0xFFE0D6B9)
YUV	213.6840, -14.1412, 9.0471
Hunter-Lab	82.1238, -5.6008, 17.3619

Details

The Yxy color **67.4432, 0.3406, 0.3615** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **54.7319, 0.2848, 0.2943**, and the grayscale version is **67.1128, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **34.8972, 0.3479, 0.3687** is the 20% darker color. If you saturate the color by 10%, you get **63.7186, 0.3583, 0.3809**, and if you desaturate by 10%, it is **71.4253, 0.3241, 0.3425**.

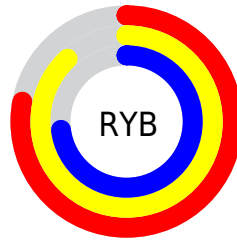
Distribution



Red (88%)

Green (84%)

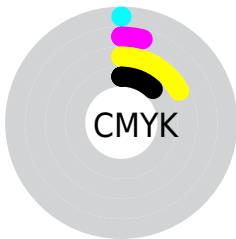
Blue (73%)



Red (78%)

Yellow (88%)

Blue (73%)

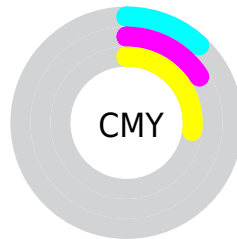


Cyan (0%)

Magenta (4%)

Yellow (17%)

Black (12%)



Cyan (12%)


Magenta (16%)


Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4432, 0.3406, 0.3615 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 67.4432, 0.3406, 0.3615 by changing the saturation by 10% instead.

 67.4432, 0.3406,
0.3615

 67.4432, 0.3406,
0.3615

451.5207, 0.3276,
0.3462

 49.4449, 0.3436,
0.3650


 115.5552, 0.3360,
0.3562

 34.9725, 0.3473,
0.3694

146.4378, 0.3343,
0.3541

 23.6417, 0.3521,
0.3751


182.3838, 0.3328,
0.3523

 15.0681, 0.3583,
0.3825

223.7778, 0.3315,
0.3508

 8.8672, 0.3668,
0.3926

271.0040, 0.3303,
0.3494

 4.6546, 0.3790,
0.4074

324.4470, 0.3293,

 2.0461, 0.3985,

0.3482

384.4911, 0.3284,
0.3472

0.4312

0.6340, 0.4740,
0.5260

0.0000, 0.0000,
0.0000

67.4432, 0.3406,
0.3615

67.4432, 0.3406,
0.3615

63.7186, 0.3583,
0.3809

71.4253, 0.3241,
0.3425

60.2344, 0.3770,
0.4002

75.6633, 0.3089,
0.3244

56.9852, 0.3960,
0.4186

80.1674, 0.2951,
0.3073

53.9615, 0.4148,
0.4350

83.6158, 0.2936,
0.3105

■ 51.1532, 0.4326,
0.4484

■ 86.9927, 0.2938,
0.3165

■ 48.5489, 0.4484,
0.4577

■ 90.4769, 0.2939,
0.3223

■ 46.1354, 0.4616,
0.4624

■ 94.0695, 0.2940,
0.3281

■ 43.8953, 0.4716,
0.4622

■ 94.5863, 0.2940,
0.3289

■ 43.3342, 0.4740,
0.4618

Harmonies

Analogous

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



67.4432, 0.3500, 0.3520



67.4432, 0.3406, 0.3615



67.4432, 0.3238, 0.3622

Triad

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



67.4432, 0.3406, 0.3615



67.4432, 0.2776, 0.3193



67.4432, 0.3203, 0.3065

Complementary

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



67.4432, 0.3406, 0.3615



54.7319, 0.2848, 0.2943

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.



67.4432, 0.3009, 0.2980



67.4432, 0.3406, 0.3615



67.4432, 0.2767, 0.3048

Square

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



67.4432, 0.3406, 0.3615



67.4432, 0.2876, 0.3372



67.4432, 0.2850, 0.2973



67.4432, 0.3382, 0.3205

Rectangle

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



67.4432, 0.3406, 0.3615



67.4432, 0.3108, 0.3572



67.4432, 0.2850, 0.2973



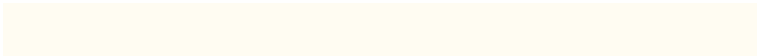
67.4432, 0.3137, 0.3029

Sweetspot

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



67.4462, 0.3406, 0.3615



97.1388, 0.3204, 0.3381



54.5114, 0.3375, 0.3172



20.7072, 0.3215, 0.3394



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.



67.4462, 0.3406, 0.3615



88.5728, 0.3471, 0.3688



71.2437, 0.3320, 0.3731



15.4037, 0.3273, 0.3463



25.4191, 0.4730, 0.4626



1.9032, 0.4629, 0.4706

Inverse Universe

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



54.7319, 0.2848, 0.2943



68.3891, 0.2783, 0.2858



51.5721, 0.2911, 0.2829



13.8114, 0.2981, 0.3110



5.0163, 0.1585, 0.0906



0.4903, 0.1668, 0.1204

Previews

White Background



This preview shows how the Yxy color 67.4432, 0.3406, 0.3615 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 67.4432, 0.3406, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

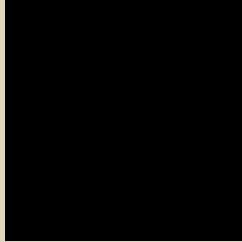
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

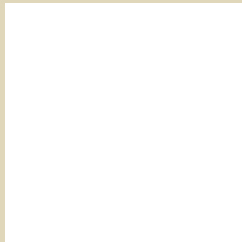
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.4432, 0.3406, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 67.4432, 0.3406, 0.3615.

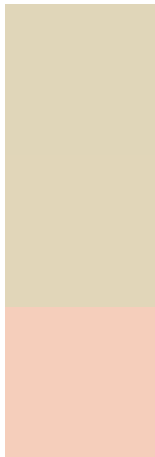


This preview shows how white text looks on a background with the Yxy color 67.4432, 0.3406, 0.3615.

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

67.4432, 0.3406, 0.3615

Protanopia

67.6035, 0.3414, 0.3614

Deuteranopia

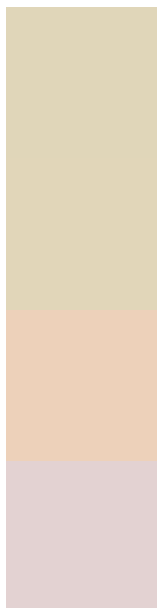
67.1429, 0.3574, 0.3494



Tritanopia

67.2060, 0.3166, 0.3108

Trichromacy



Original Color

67.4432, 0.3406, 0.3615

Protanomaly

67.6035, 0.3414, 0.3614

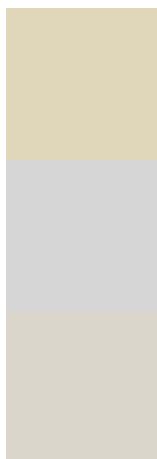
Deuteranomaly

67.1506, 0.3511, 0.3541

Tritanomaly

67.0772, 0.3255, 0.3290

Monochromacy



Original Color

67.4432, 0.3406, 0.3615

Achromatopsia

67.2443, 0.3127, 0.3290

Achromatomaly

67.3104, 0.3233, 0.3414

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4432, 0.3406, 0.3615 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(224, 214, 185)` looks like.

```
.text, #text, p{  
    color:rgb(224, 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(224, 214, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 214, 185) }
```

Border

The CSS property to change the border of an element to Yxy 67.4432, 0.3406, 0.3615 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(224, 214, 185) }
```

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

```
.border{ border-color:rgb(224, 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(224, 214, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 214, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 214, 185);  
box-shadow:4px 4px 4px 4px rgb(224, 214,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4432, 0.3406, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 214, 185) }
```

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

```
.background{ background-color: rgb(224,  
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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