

Converting Colors

$Yxy(69.1447, 0.3384, 0.3593)$

Have a look what the booklet for
Yxy(69.1447, 0.3384, 0.3593)
contains.

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Color

Yxy(68.9546, 0.3389, 0.3590)

Conversions

Conversions Part 1

Format	Color
Hex	E2D8BD
RGB	226, 216, 189
RGB Percent	89%, 85%, 74%
CMY	0.1139, 0.1529, 0.2588
CMYK	0.00, 0.04, 0.16, 0.11
HSL	44°, 39%, 81%
HSV	44°, 16%, 89%
XYZ	65.0939, 68.9546, 58.0256
YIQ	215.9120, 14.6270, -6.2770

Conversions

Conversions Part 2

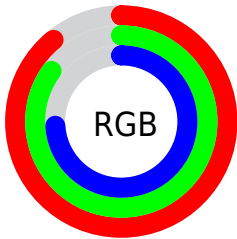
Format	Color
R _Y B	203, 226, 189
Decimal	14866621
CIE Lab	86.48, -1.00, 14.54
CIE LCh	86, 14.577, 93.945
Yxy	68.9546, 0.3389, 0.3590
Android (android.graphics.Color)	4293056701 (0xFFE2D8BD)
YUV	215.9120, -13.2676, 8.8472
Hunter-Lab	83.0389, -5.3926, 16.6968

Details

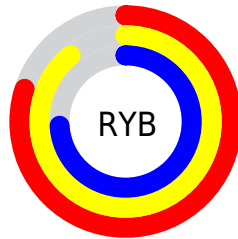
The Yxy color **68.9546, 0.3389, 0.3590** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **57.1253, 0.2867, 0.2971**, and the grayscale version is **68.6888, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.3726, 0.3185, 0.3386**, and **35.8134, 0.3445, 0.3654** is the 20% darker color. If you saturate the color by 10%, you get **64.9966, 0.3566, 0.3781**, and if you desaturate by 10%, it is **73.1866, 0.3224, 0.3404**.

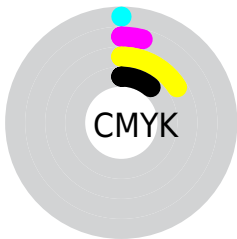
Distribution



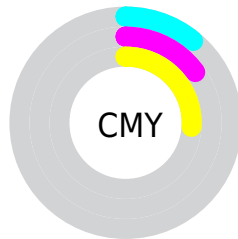
- Red (89%)
- Green (85%)
- Blue (74%)



- Red (80%)
- Yellow (89%)
- Blue (74%)



- Cyan (0%)
- Magenta (4%)
- Yellow (16%)
- Black (11%)



- Cyan (11%)
- Magenta (15%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.9546, 0.3389, 0.3590 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 68.9546, 0.3389, 0.3590 by changing the saturation by 10% instead.

68.9546, 0.3389,
0.3590

68.9546, 0.3389,
0.3590

456.8708, 0.3267,
0.3450

50.6747, 0.3417,
0.3622

117.7167, 0.3346,
0.3541

35.9498, 0.3452,
0.3663

148.9678, 0.3330,
0.3522

24.3954, 0.3496,
0.3714

185.3114, 0.3316,
0.3506

15.6272, 0.3554,
0.3781

227.1318, 0.3303,
0.3492

9.2608, 0.3633,
0.3874

274.8136, 0.3293,
0.3479

4.9117, 0.3747,
0.4007

328.7411, 0.3283,

2.1955, 0.3922,

0.3468

0.4216

389.2987, 0.3274,
0.3458

0.7175, 0.4782,
0.5218

0.0000, 0.0000,
0.0000

68.9546, 0.3389,
0.3590

68.9546, 0.3389,
0.3590

64.9966, 0.3566,
0.3781

73.1866, 0.3224,
0.3404

61.2952, 0.3754,
0.3972

77.6911, 0.3074,
0.3226

57.8446, 0.3947,
0.4154

82.3629, 0.2948,
0.3078

54.6351, 0.4140,
0.4319

85.8850, 0.2949,
0.3141

■ 51.6564, 0.4324,
0.4454

■ 89.5269, 0.2950,
0.3203

■ 48.8966, 0.4489,
0.4551

■ 93.2896, 0.2951,
0.3264

■ 46.3424, 0.4629,
0.4600

■ 94.9007, 0.2952,
0.3289

■ 43.9771, 0.4737,
0.4600

■ 43.1512, 0.4773,
0.4592

Harmonies

Analogous

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



68.9546, 0.3474, 0.3501



68.9546, 0.3389, 0.3590



68.9546, 0.3234, 0.3598

Triad

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



68.9546, 0.3389, 0.3590



68.9546, 0.2802, 0.3204



68.9546, 0.3193, 0.3078

Complementary

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



68.9546, 0.3389, 0.3590



57.1253, 0.2867, 0.2971

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.



68.9546, 0.3013, 0.3001



68.9546, 0.3389, 0.3590



68.9546, 0.2791, 0.3068

Square

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



68.9546, 0.3389, 0.3590



68.9546, 0.2897, 0.3370



68.9546, 0.2867, 0.2996



68.9546, 0.3360, 0.3207

Rectangle

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



68.9546, 0.3389, 0.3590



68.9546, 0.3114, 0.3553



68.9546, 0.2867, 0.2996



68.9546, 0.3132, 0.3045

Sweetspot

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



68.9577, 0.3389, 0.3590



97.0389, 0.3204, 0.3380



56.7043, 0.3352, 0.3173



20.6828, 0.3215, 0.3393



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.



68.9577, 0.3389, 0.3590



88.7037, 0.3455, 0.3662



72.9372, 0.3313, 0.3703



15.3737, 0.3274, 0.3461



24.8354, 0.4761, 0.4601



1.8668, 0.4654, 0.4686

Inverse Universe

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



57.1253, 0.2867, 0.2971



70.0485, 0.2801, 0.2888



53.7581, 0.2921, 0.2858



13.8396, 0.2981, 0.3113



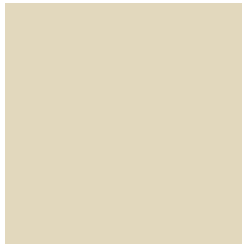
5.1889, 0.1593, 0.0933



0.5055, 0.1676, 0.1233

Previews

White Background



This preview shows how the Yxy color 68.9546, 0.3389, 0.3590 looks on a white background.

Color Contrast Check

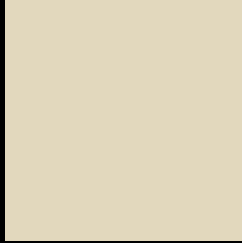
Large Text (above 18pt) WCAG AA × Fail

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 68.9546, 0.3389, 0.3590 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

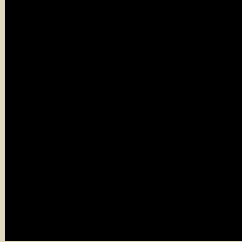
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

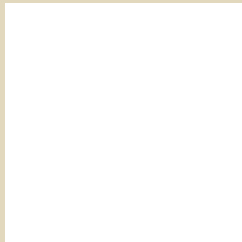
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9546, 0.3389, 0.3590

Background



This preview shows how black text looks on a background with the Yxy color 68.9546, 0.3389, 0.3590.

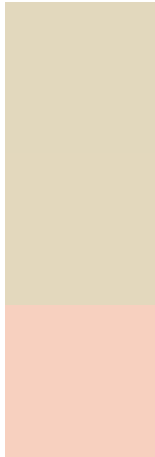


This preview shows how white text looks on a background with the Yxy color 68.9546, 0.3389, 0.3590.

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

68.9546, 0.3389, 0.3590

Protanopia

69.1168, 0.3397, 0.3589

Deuteranopia

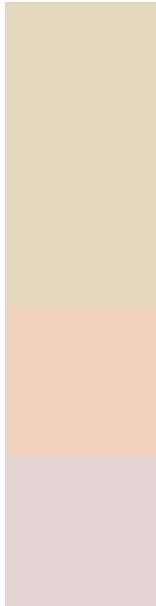
68.6475, 0.3555, 0.3471



Tritanopia

69.1235, 0.3165, 0.3120

Trichromacy



Original Color

68.9546, 0.3389, 0.3590

Protanomaly

69.1168, 0.3397, 0.3589

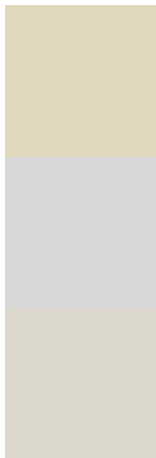
Deuteranomaly

68.6570, 0.3493, 0.3517

Tritanomaly

69.0506, 0.3246, 0.3290

Monochromacy



Original Color

68.9546, 0.3389, 0.3590

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.7836, 0.3225, 0.3401

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9546, 0.3389, 0.3590 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, 216, 189)` looks like.

```
.text, #text, p{  
    color:rgb(226, 216, 189)  
}
```

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, 216, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 216, 189) }
```

Border

The CSS property to change the border of an element to Yxy 68.9546, 0.3389, 0.3590 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, 216, 189) }
```

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

```
.border{ border-color:rgb(226, 216, 189) }
```

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

Here you see how a box with a 4 pixel rgb(226, 216, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 216, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 216, 189);  
box-shadow:4px 4px 4px 4px rgb(226, 216,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9546, 0.3389, 0.3590 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 216, 189) }
```

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

```
.background{ background-color: rgb(226,  
216, 189) }
```

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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