

Converting Colors

$Yxy(69.9395, 0.3545, 0.3845)$

Have a look what the booklet for
Yxy(69.9395, 0.3545, 0.3845)
contains.

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Color

Yxy(70.0216, 0.3540, 0.3844)

Conversions

Conversions Part 1

Format	Color
Hex	E4DBA9
RGB	228, 219, 169
RGB Percent	89%, 86%, 66%
CMY	0.1059, 0.1411, 0.3373
CMYK	0.00, 0.04, 0.26, 0.11
HSL	51°, 52%, 78%
HSV	51°, 26%, 89%
XYZ	64.4840, 70.0216, 47.6526
YIQ	215.9910, 21.4140, -13.6420

Conversions

Conversions Part 2

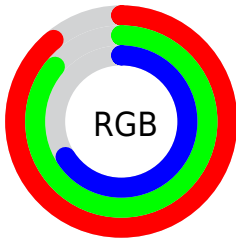
Format	Color
RYB	180, 228, 169
Decimal	14998441
CIELab	87.01, -4.65, 25.75
CIELCh	87, 26.169, 100.236
Yxy	70.0216, 0.3540, 0.3844
Android (android.graphics.Color)	4293188521 (0xFFE4DBA9)
YUV	215.9910, -23.1666, 10.5319
Hunter-Lab	83.6789, -8.8838, 24.8114

Details

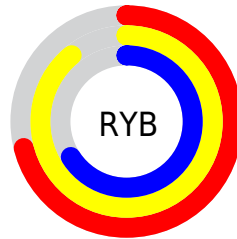
The Yxy color **70.0216, 0.3540, 0.3844** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.8663, 0.2691, 0.2667**, and the grayscale version is **68.8132, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **36.6059, 0.3632, 0.3969** is the 20% darker color. If you saturate the color by 10%, you get **67.4507, 0.3710, 0.4060**, and if you desaturate by 10%, it is **72.7858, 0.3374, 0.3626**.

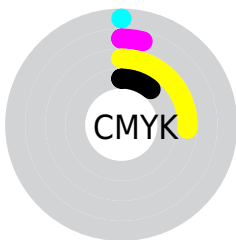
Distribution



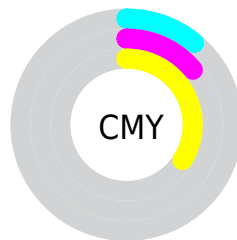
- Red (89%)
- Green (86%)
- Blue (66%)



- Red (71%)
- Yellow (89%)
- Blue (66%)



- Cyan (0%)
- Magenta (4%)
- Yellow (26%)
- Black (11%)





- Cyan (11%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0216, 0.3540, 0.3844 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 70.0216, 0.3540, 0.3844 by changing the saturation by 10% instead.

 70.0216, 0.3540,
0.3844

 70.0216, 0.3540,
0.3844


460.6258, 0.3350,
0.3585

 51.5441, 0.3583,
0.3904


 119.2396, 0.3475,
0.3754

 36.6418, 0.3635,
0.3977


150.7488, 0.3449,
0.3719

 24.9303, 0.3700,
0.4070


187.3709, 0.3427,
0.3688

 16.0251, 0.3782,
0.4191

229.4900, 0.3408,
0.3662

 9.5419, 0.3890,
0.4353

277.4907, 0.3391,
0.3639

 5.0963, 0.4034,
0.4580

331.7573, 0.3376,

 2.3039, 0.4370,

0.3619

0.5080

392.6742, 0.3362,
0.3601

0.7758, 0.4457,
0.5543

0.0000, 0.0000,
0.0000

70.0216, 0.3540,
0.3844

70.0216, 0.3540,
0.3844

67.4507, 0.3710,
0.4060

72.7858, 0.3374,
0.3626

65.0557, 0.3878,
0.4265

75.7413, 0.3216,
0.3412

62.8310, 0.4039,
0.4450

78.8982, 0.3067,
0.3207

60.7671, 0.4184,
0.4604

81.9238, 0.2961,
0.3065

■ 58.8532, 0.4307,
0.4719

■ 83.9057, 0.2961,
0.3100

■ 57.0768, 0.4404,
0.4788

■ 85.9264, 0.2962,
0.3136

■ 55.4224, 0.4471,
0.4812

■ 87.9861, 0.2962,
0.3172

■ 54.7643, 0.4494,
0.4814

■ 90.0850, 0.2963,
0.3207

■ 92.2234, 0.2963,
0.3242

Harmonies

Analogous

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



70.0216, 0.3729, 0.3698



70.0216, 0.3540, 0.3844



70.0216, 0.3245, 0.3836

Triad

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



70.0216, 0.3540, 0.3844



70.0216, 0.2541, 0.3069



70.0216, 0.3309, 0.2961

Complementary

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



70.0216, 0.3540, 0.3844



45.8663, 0.2691, 0.2667

Split Complementary

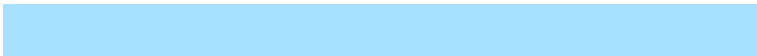
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



70.0216, 0.2985, 0.2807



70.0216, 0.3540, 0.3844



70.0216, 0.2555, 0.2855

Square

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



70.0216, 0.3540, 0.3844



70.0216, 0.2674, 0.3366



70.0216, 0.2713, 0.2766



70.0216, 0.3595, 0.3194

Rectangle

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



70.0216, 0.3540, 0.3844



70.0216, 0.3031, 0.3733



70.0216, 0.2713, 0.2766



70.0216, 0.3200, 0.2899

Sweetspot

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



70.0248, 0.3540, 0.3844



96.7909, 0.3249, 0.3458



48.1156, 0.3586, 0.3178



20.5921, 0.3273, 0.3490



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.



70.0248, 0.3540, 0.3844



88.4782, 0.3630, 0.3960



71.7995, 0.3371, 0.3967



16.4239, 0.3271, 0.3488



31.7685, 0.4489, 0.4818



2.4492, 0.4439, 0.4858

Inverse Universe

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



45.8663, 0.2691, 0.2667



52.4005, 0.2590, 0.2517



44.7526, 0.2833, 0.2583



14.2393, 0.2980, 0.3084



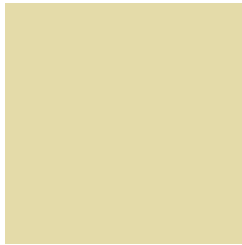
4.0255, 0.1536, 0.0729



0.4074, 0.1599, 0.0956

Previews

White Background



This preview shows how the Yxy color 70.0216, 0.3540, 0.3844 looks on a white background.

Color Contrast Check

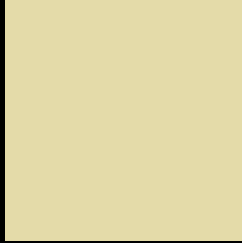
Large Text (above 18pt) WCAG AA × Fail

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 70.0216, 0.3540, 0.3844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

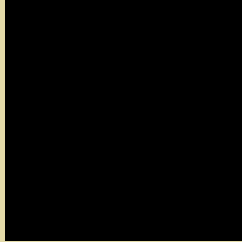
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

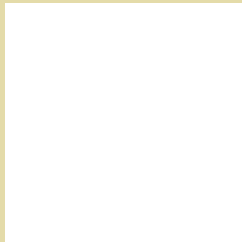
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0216, 0.3540, 0.3844

Background



This preview shows how black text looks on a background with the Yxy color 70.0216, 0.3540, 0.3844.



This preview shows how white text looks on a background with the Yxy color 70.0216, 0.3540, 0.3844.

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

70.0216, 0.3540, 0.3844

Protanopia

70.1258, 0.3581, 0.3839

Deuteranopia

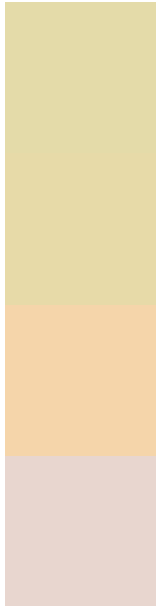
69.8012, 0.3769, 0.3685



Tritanopia

69.8521, 0.3187, 0.3111

Trichromacy



Original Color

70.0216, 0.3540, 0.3844

Protanomaly

69.9589, 0.3573, 0.3840

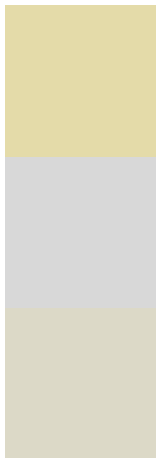
Deuteranomaly

69.9033, 0.3684, 0.3748

Tritanomaly

69.7539, 0.3310, 0.3366

Monochromacy



Original Color

70.0216, 0.3540, 0.3844

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

68.9649, 0.3272, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0216, 0.3540, 0.3844 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, 219, 169)` looks like.

```
.text, #text, p{  
    color:rgb(228, 219, 169)  
}
```

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, 219, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 219, 169) }
```

Border

The CSS property to change the border of an element to Yxy 70.0216, 0.3540, 0.3844 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, 219, 169) }
```

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

```
.border{ border-color:rgb(228, 219, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 219, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 219, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 219, 169);  
box-shadow:4px 4px 4px 4px rgb(228, 219,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0216, 0.3540, 0.3844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 219, 169) }
```

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

```
.background{ background-color: rgb(228,  
219, 169) }
```

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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