

Converting Colors

$Y_{xy}(70.1390, 0.3439, 0.3544)$

Have a look what the booklet for
Yxy(70.1390, 0.3439, 0.3544)
contains.

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Color

Yxy(70.0688, 0.3439, 0.3540)

Conversions

Conversions Part 1

Format	Color
Hex	EBD7C0
RGB	235, 215, 192
RGB Percent	92%, 84%, 75%
CMY	0.0785, 0.1568, 0.2471
CMYK	0.00, 0.08, 0.18, 0.08
HSL	32°, 52%, 84%
HSV	32°, 18%, 92%
XYZ	68.0697, 70.0688, 59.7960
YIQ	218.3580, 19.3030, -2.9130

Conversions

Conversions Part 2

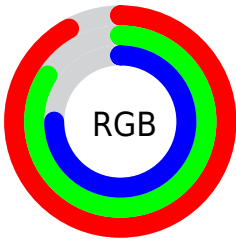
Format	Color
R _Y B	229, 235, 192
Decimal	15456192
CIE Lab	87.03, 3.25, 13.86
CIE LCh	87, 14.232, 76.813
Yxy	70.0688, 0.3439, 0.3540
Android (android.graphics.Color)	4293646272 (0xFFEBD7C0)
YUV	218.3580, -12.9945, 14.5950
Hunter-Lab	83.7071, -1.3333, 16.2413

Details

The Yxy color **70.0688, 0.3439, 0.3540** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **64.2648, 0.2838, 0.3027**, and the grayscale version is **70.4521, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.5573, 0.3168, 0.3357**, and **36.5894, 0.3512, 0.3587** is the 20% darker color. If you saturate the color by 10%, you get **63.7381, 0.3641, 0.3684**, and if you desaturate by 10%, it is **76.9428, 0.3260, 0.3400**.

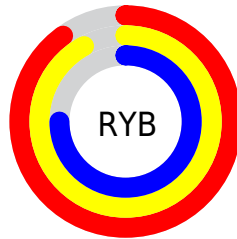
Distribution



Red (92%)

Green (84%)

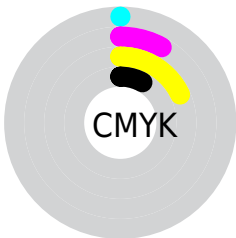
Blue (75%)



Red (90%)

Yellow (92%)

Blue (75%)

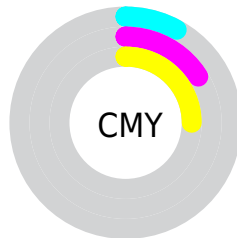


Cyan (0%)

Magenta (8%)

Yellow (18%)

Black (8%)



Cyan (8%)


Magenta (16%)


Yellow (25%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 70.0688, 0.3439, 0.3540 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 70.0688, 0.3439, 0.3540 by changing the saturation by 10% instead.

 70.0688, 0.3439,
0.3540

 70.0688, 0.3439,
0.3540

460.7915, 0.3293,
0.3425

 51.5826, 0.3473,
0.3566


 119.3069, 0.3388,
0.3500

 36.6725, 0.3514,
0.3599

150.8275, 0.3368,
0.3484

 24.9540, 0.3567,
0.3639


187.4618, 0.3352,
0.3471

 16.0428, 0.3637,
0.3693

229.5942, 0.3337,
0.3459

 9.5544, 0.3732,
0.3764

277.6089, 0.3324,
0.3449

 5.1046, 0.3871,
0.3866

331.8904, 0.3312,

 2.3087, 0.4086,

0.3440

0.4018

392.8232, 0.3302,
0.3432

0.7783, 0.5127,
0.4873

0.0000, 0.0000,
0.0000

70.0688, 0.3439,
0.3540

70.0688, 0.3439,
0.3540

63.7381, 0.3641,
0.3684

76.9428, 0.3260,
0.3400

57.9262, 0.3865,
0.3829

84.3651, 0.3102,
0.3268

52.6205, 0.4109,
0.3966

91.8612, 0.3005,
0.3218

47.8038, 0.4367,
0.4086

96.3991, 0.3005,
0.3290

■ 43.4581, 0.4629,
0.4177

■ 39.5634, 0.4880,
0.4226

■ 36.0973, 0.5106,
0.4223

■ 33.0312, 0.5293,
0.4167

■ 32.5438, 0.5324,
0.4155

Harmonies

Analogous

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



70.0688, 0.3470, 0.3421



70.0688, 0.3439, 0.3540



70.0688, 0.3323, 0.3595

Triad

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



70.0688, 0.3439, 0.3540



70.0688, 0.2855, 0.3298



70.0688, 0.3090, 0.3033

Complementary

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



70.0688, 0.3439, 0.3540



64.2648, 0.2838, 0.3027

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.



70.0688, 0.2929, 0.2997



70.0688, 0.3439, 0.3540



70.0688, 0.2796, 0.3144

Square

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



70.0688, 0.3439, 0.3540



70.0688, 0.2986, 0.3455



70.0688, 0.2823, 0.3036



70.0688, 0.3265, 0.3133

Rectangle

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



70.0688, 0.3439, 0.3540



70.0688, 0.3215, 0.3585



70.0688, 0.2823, 0.3036



70.0688, 0.3032, 0.3014

Sweetspot

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



70.0719, 0.3439, 0.3540



95.4859, 0.3206, 0.3356



60.1074, 0.3323, 0.3073



20.3050, 0.3217, 0.3366



0.0000, 0.0000, 0.0000



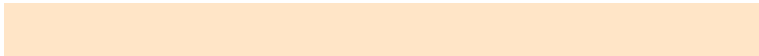
21.4041, 0.3127, 0.3290

Same Dimension

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



70.0719, 0.3439, 0.3540



81.3881, 0.3513, 0.3595



80.6275, 0.3392, 0.3747



16.3902, 0.3279, 0.3416



18.3735, 0.5301, 0.4173



1.6351, 0.5106, 0.4328

Inverse Universe

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



64.2648, 0.2838, 0.3027



73.1735, 0.2775, 0.2965



55.0819, 0.2835, 0.2792



15.7020, 0.2980, 0.3160



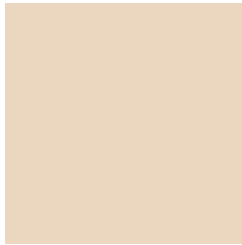
9.6914, 0.1740, 0.1464



0.9518, 0.1813, 0.1725

Previews

White Background



This preview shows how the Yxy color 70.0688, 0.3439, 0.3540 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 70.0688, 0.3439, 0.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

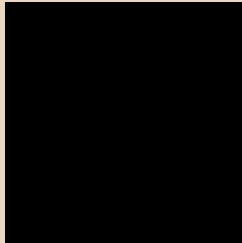
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

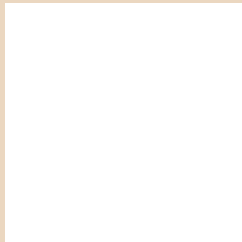
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 70.0688, 0.3439, 0.3540

Background



This preview shows how black text looks on a background with the Yxy color 70.0688, 0.3439, 0.3540.

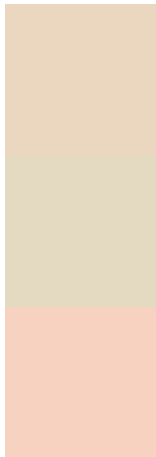


This preview shows how white text looks on a background with the Yxy color 70.0688, 0.3439, 0.3540.

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

70.0688, 0.3439, 0.3540

Protanopia

69.9699, 0.3375, 0.3554

Deuteranopia

69.8999, 0.3543, 0.3470



Tritanopia

69.9349, 0.3232, 0.3123

Trichromacy



Original Color

70.0688, 0.3439, 0.3540

Protanomaly

69.9509, 0.3399, 0.3542

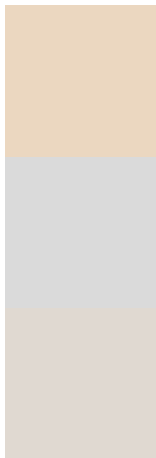
Deuteranomaly

69.9919, 0.3500, 0.3493

Tritanomaly

70.1191, 0.3308, 0.3269

Monochromacy



Original Color

70.0688, 0.3439, 0.3540

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.0765, 0.3233, 0.3378

CSS Examples

Text

The CSS property to change the color of the text to Yxy 70.0688, 0.3439, 0.3540 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(235, 215, 192)` looks like.

```
.text, #text, p{  
    color:rgb(235, 215, 192)  
}
```

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(235, 215, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 215, 192) }
```

Border

The CSS property to change the border of an element to Yxy 70.0688, 0.3439, 0.3540 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(235, 215, 192) }
```

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

```
.border{ border-color:rgb(235, 215, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 215, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 215, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 215, 192);  
box-shadow:4px 4px 4px 4px rgb(235, 215,  
192) }
```


Background

The CSS property to change the background color of an element to Yxy 70.0688, 0.3439, 0.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 215, 192) }
```

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

```
.background{ background-color: rgb(235,  
215, 192) }
```

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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