

Converting Colors

$Yxy(63.8566, 0.3545, 0.3649)$

Have a look what the booklet for
Yxy(63.8566, 0.3545, 0.3649)
contains.

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Color

Yxy(63.8566, 0.3545, 0.3649)

Conversions

Conversions Part 1

Format	Color
Hex	E5CEAE
RGB	229, 206, 174
RGB Percent	90%, 81%, 68%
CMY	0.1018, 0.1922, 0.3176
CMYK	0.00, 0.10, 0.24, 0.10
HSL	35°, 51%, 79%
HSV	35°, 24%, 90%
XYZ	62.0366, 63.8566, 49.1043
YIQ	209.2290, 23.9800, -5.0760

Conversions

Conversions Part 2

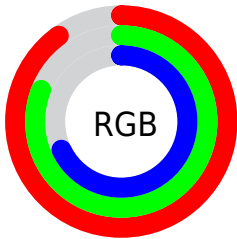
Format	Color
R _Y B	214, 229, 174
Decimal	15060654
CIE Lab	83.89, 3.15, 18.85
CIE LCh	84, 19.114, 80.508
Yxy	63.8566, 0.3545, 0.3649
Android (android.graphics.Color)	4293250734 (0xFFE5CEAE)
YUV	209.2290, -17.3679, 17.3392
Hunter-Lab	79.9103, -1.2685, 19.5040

Details

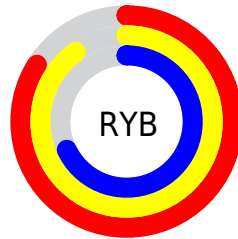
The Yxy color $63.8566, 0.3545, 0.3649$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $54.6244, 0.2741, 0.2902$, and the grayscale version is $64.0269, 0.3127, 0.3290$.

A 20% lighter version of the original color is $98.4932, 0.3274, 0.3532$, and $32.7212, 0.3653, 0.3746$ is the 20% darker color. If you saturate the color by 10%, you get $58.5605, 0.3753, 0.3805$, and if you desaturate by 10%, it is $69.5929, 0.3357, 0.3495$.

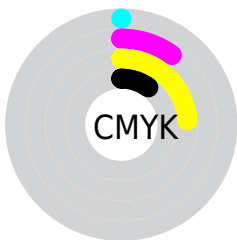
Distribution



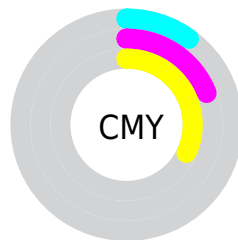
- Red (90%)
- Green (81%)
- Blue (68%)



- Red (84%)
- Yellow (90%)
- Blue (68%)



- Cyan (0%)
- Magenta (10%)
- Yellow (24%)
- Black (10%)




- Cyan (10%)
- Magenta (19%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.8566, 0.3545, 0.3649 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 63.8566, 0.3545, 0.3649 by changing the saturation by 10% instead.

 63.8566, 0.3545,
0.3649

 63.8566, 0.3545,
0.3649


438.6716, 0.3347,
0.3481

 46.5345, 0.3591,
0.3688


 110.4044, 0.3475,
0.3590

 32.6678, 0.3649,
0.3736


140.3989, 0.3449,
0.3568

 21.8721, 0.3723,
0.3796

175.3864, 0.3426,
0.3548

 13.7630, 0.3820,
0.3875

215.7512, 0.3406,
0.3531

 7.9560, 0.3954,
0.3982

261.8777, 0.3388,
0.3516

 4.0668, 0.4147,
0.4132

314.1504, 0.3373,

 1.7110, 0.4582,

0.3503

0.4484

372.9535, 0.3359,
0.3491

0.4308, 0.5303,
0.4697

0.0000, 0.0000,
0.0000

63.8566, 0.3545,
0.3649

63.8566, 0.3545,
0.3649

58.5605, 0.3753,
0.3805

69.5929, 0.3357,
0.3495

53.6834, 0.3978,
0.3957

75.7729, 0.3189,
0.3347

49.2144, 0.4216,
0.4096

82.4109, 0.3041,
0.3208

45.1392, 0.4459,
0.4211

88.8142, 0.2969,
0.3183

■ 41.4418, 0.4695,
0.4289

■ 94.7528, 0.2970,
0.3279

■ 38.1046, 0.4910,
0.4320

■ 95.4062, 0.2970,
0.3290

■ 35.1071, 0.5093,
0.4297

■ 33.4631, 0.5188,
0.4263

Harmonies

Analogous

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



63.8566, 0.3606, 0.3490



63.8566, 0.3545, 0.3649



63.8566, 0.3371, 0.3717

Triad

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



63.8566, 0.3545, 0.3649



63.8566, 0.2737, 0.3271



63.8566, 0.3104, 0.2952

Complementary

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



63.8566, 0.3545, 0.3649



54.6244, 0.2741, 0.2902

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.



63.8566, 0.2877, 0.2890



63.8566, 0.3545, 0.3649



63.8566, 0.2671, 0.3062

Square

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



63.8566, 0.3545, 0.3649



63.8566, 0.2904, 0.3495



63.8566, 0.2721, 0.2927



63.8566, 0.3346, 0.3095

Rectangle

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



63.8566, 0.3545, 0.3649



63.8566, 0.3217, 0.3695



63.8566, 0.2721, 0.2927



63.8566, 0.3024, 0.2921

Sweetspot

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



63.8595, 0.3545, 0.3649



94.2238, 0.3238, 0.3391



51.0127, 0.3415, 0.3022



20.0641, 0.3248, 0.3400



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.



63.8595, 0.3545, 0.3649



77.9179, 0.3649, 0.3729



75.1911, 0.3462, 0.3894



15.7521, 0.3278, 0.3426



19.3666, 0.5168, 0.4278



1.6138, 0.4987, 0.4422

Inverse Universe

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



54.6244, 0.2741, 0.2902



64.1540, 0.2654, 0.2806



45.3628, 0.2744, 0.2617



14.8745, 0.2981, 0.3150



8.2382, 0.1701, 0.1324



0.7890, 0.1781, 0.1610

Previews

White Background



This preview shows how the Yxy color 63.8566, 0.3545, 0.3649 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 63.8566, 0.3545, 0.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

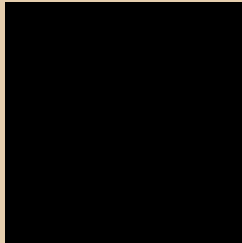
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.8566, 0.3545, 0.3649

Background



This preview shows how black text looks on a background with the Yxy color 63.8566, 0.3545, 0.3649.



This preview shows how white text looks on a background with the Yxy color 63.8566, 0.3545, 0.3649.

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

63.8566, 0.3545, 0.3649

Protanopia

64.0682, 0.3465, 0.3679

Deuteranopia

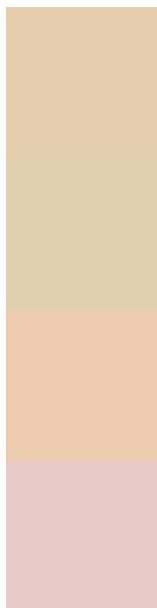
63.7457, 0.3657, 0.3573



Tritanopia

63.7588, 0.3276, 0.3118

Trichromacy



Original Color

63.8566, 0.3545, 0.3649

Protanomaly

64.0542, 0.3492, 0.3665

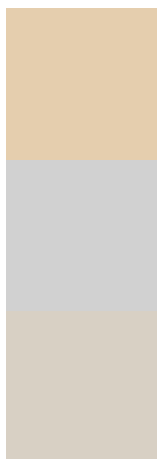
Deuteranomaly

63.8115, 0.3610, 0.3598

Tritanomaly

63.6139, 0.3371, 0.3302

Monochromacy



Original Color

63.8566, 0.3545, 0.3649

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

63.6962, 0.3274, 0.3427

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.8566, 0.3545, 0.3649 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(229, 206, 174)` looks like.

```
.text, #text, p{  
    color:rgb(229, 206, 174)  
}
```

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(229, 206, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 206, 174) }
```

Border

The CSS property to change the border of an element to Yxy 63.8566, 0.3545, 0.3649 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(229, 206, 174) }
```

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

```
.border{ border-color:rgb(229, 206, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 206, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(229, 206, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(229, 206, 174); box-shadow:4px 4px 4px 4px rgb(229, 206, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 63.8566, 0.3545, 0.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 206, 174) }
```

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

```
.background{ background-color: rgb(229,  
206, 174) }
```

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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