

Converting Colors

$Yxy(43.5702, 0.3667, 0.3805)$

Have a look what the booklet for
Yxy(43.5702, 0.3667, 0.3805)
contains.

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Color

Yxy(43.6235, 0.3661, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	C3AE87
RGB	195, 174, 135
RGB Percent	76%, 68%, 53%
CMY	0.2353, 0.3176, 0.4706
CMYK	0.00, 0.11, 0.31, 0.24
HSL	39°, 33%, 65%
HSV	39°, 31%, 76%
XYZ	42.0167, 43.6235, 29.1282
YIQ	175.8330, 25.0350, -7.6770

Conversions

Conversions Part 2

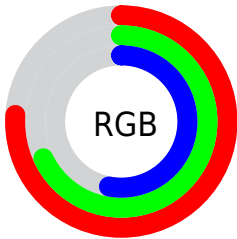
Format	Color
RYB	167, 195, 135
Decimal	12824199
CIELab	71.98, 1.68, 22.81
CIELCh	72, 22.876, 85.785
Yxy	43.6235, 0.3661, 0.3801
Android (android.graphics.Color)	4291014279 (0xFFC3AE87)
YUV	175.8330, -20.1307, 16.8095
Hunter-Lab	66.0481, -2.0307, 20.0858

Details

The Yxy color **43.6235, 0.3661, 0.3801** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **32.8725, 0.2625, 0.2719**, and the grayscale version is **43.4232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3649, 0.3566, 0.3710**, and **20.1504, 0.3805, 0.3949** is the 20% darker color. If you saturate the color by 10%, you get **40.5542, 0.3865, 0.3970**, and if you desaturate by 10%, it is **46.9315, 0.3471, 0.3630**.

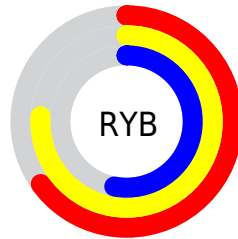
Distribution



Red (76%)

Green (68%)

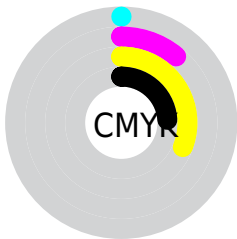
Blue (53%)



Red (65%)

Yellow (76%)

Blue (53%)

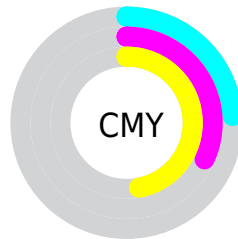


Cyan (0%)

Magenta (11%)

Yellow (31%)

Black (24%)



Cyan (24%)


Magenta (32%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6235, 0.3661, 0.3801 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 43.6235, 0.3661, 0.3801 by changing the saturation by 10% instead.


 43.6235, 0.3661,
0.3801


 43.6235, 0.3661,
0.3801


361.1697, 0.3392,
0.3546


 30.3746, 0.3728,
0.3864


 80.6509, 0.3563,
0.3709

 20.1231, 0.3813,
0.3944


 105.1982, 0.3527,
0.3674

 12.4846, 0.3926,
0.4048


 134.2805, 0.3496,
0.3644

 7.0746, 0.4079,
0.4189

168.2821, 0.3469,
0.3619

 3.5088, 0.4296,
0.4384

207.5874, 0.3446,
0.3597

 1.4028, 0.4977,
0.5023

252.5808, 0.3426,

 0.2188, 0.5323,

0.3578

0.4677

303.6468, 0.3408,
0.3561

0.0000, 0.0000,
0.0000

43.6235, 0.3661,
0.3801

43.6235, 0.3661,
0.3801

40.5542, 0.3865,
0.3970

46.9315, 0.3471,
0.3630

37.7102, 0.4078,
0.4128

50.4791, 0.3296,
0.3462

35.0854, 0.4294,
0.4267

54.2752, 0.3139,
0.3302

32.6710, 0.4502,
0.4373

58.3258, 0.2997,
0.3151

30.4572, 0.4692,
0.4437

62.6371, 0.2871,
0.3011

■ 28.4328, 0.4855,
0.4452

■ 67.2148, 0.2760,
0.2881

■ 26.7145, 0.4982,
0.4427

■ 70.9551, 0.2749,
0.2928

■ 74.6510, 0.2755,
0.3004

■ 78.4954, 0.2761,
0.3079

Harmonies

Analogous

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



43.6235, 0.3778, 0.3596



43.6235, 0.3661, 0.3801



43.6235, 0.3401, 0.3875

Triad

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



43.6235, 0.3661, 0.3801



43.6235, 0.2575, 0.3204



43.6235, 0.3152, 0.2865

Complementary

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



43.6235, 0.3661, 0.3801



32.8725, 0.2625, 0.2719

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.



43.6235, 0.2836, 0.2760



43.6235, 0.3661, 0.3801



43.6235, 0.2516, 0.2936

Square

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



43.6235, 0.3661, 0.3801



43.6235, 0.2776, 0.3519



43.6235, 0.2608, 0.2781



43.6235, 0.3476, 0.3069

Rectangle

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



43.6235, 0.3661, 0.3801



43.6235, 0.3186, 0.3828



43.6235, 0.2608, 0.2781



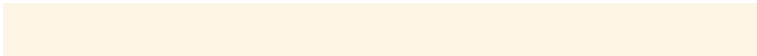
43.6235, 0.3041, 0.2818

Sweetspot

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



43.6255, 0.3661, 0.3801



91.4777, 0.3269, 0.3436



31.3669, 0.3561, 0.2998



19.8179, 0.3294, 0.3460



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.



43.6255, 0.3661, 0.3801



74.3392, 0.3798, 0.3917



51.3495, 0.3516, 0.4068



11.1456, 0.3273, 0.3439



17.5237, 0.4968, 0.4437



0.8824, 0.4753, 0.4608

Inverse Universe

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



32.8725, 0.2625, 0.2719



52.0192, 0.2505, 0.2568



27.1097, 0.2659, 0.2415



10.3119, 0.2984, 0.3136



5.4127, 0.1650, 0.1141



0.3641, 0.1780, 0.1607

Previews

White Background



This preview shows how the Yxy color 43.6235, 0.3661, 0.3801 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 43.6235, 0.3661, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

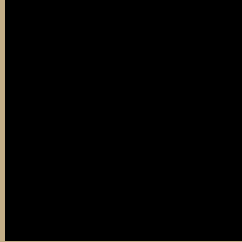
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6235, 0.3661, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 43.6235, 0.3661, 0.3801.



This preview shows how white text looks on a background with the Yxy color 43.6235, 0.3661, 0.3801.

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

43.6235, 0.3661, 0.3801

Protanopia

43.5196, 0.3578, 0.3825

Deuteranopia

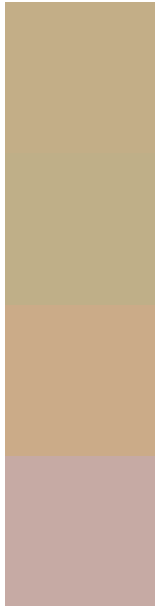
43.4189, 0.3788, 0.3707



Tritanopia

43.6208, 0.3309, 0.3127

Trichromacy



Original Color

43.6235, 0.3661, 0.3801

Protanomaly

43.5139, 0.3610, 0.3807

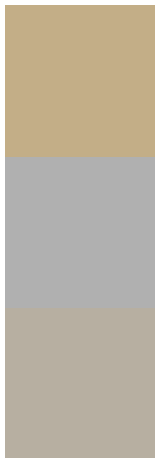
Deuteranomaly

43.5999, 0.3741, 0.3738

Tritanomaly

43.4356, 0.3440, 0.3368

Monochromacy



Original Color

43.6235, 0.3661, 0.3801

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.3004, 0.3317, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6235, 0.3661, 0.3801 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(195, 174, 135)` looks like.

```
.text, #text, p{  
    color:rgb(195, 174, 135)  
}
```

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(195, 174, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 174, 135) }
```

Border

The CSS property to change the border of an element to Yxy 43.6235, 0.3661, 0.3801 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(195, 174, 135) }
```

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

```
.border{ border-color:rgb(195, 174, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 174, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 174, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 174, 135);  
box-shadow:4px 4px 4px 4px rgb(195, 174,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6235, 0.3661, 0.3801 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 174, 135) }
```

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

```
.background{ background-color: rgb(195,  
174, 135) }
```

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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