

Converting Colors

$Yxy(43.5706, 0.3633, 0.3479)$

Have a look what the booklet for
Yxy(43.5706, 0.3633, 0.3479)
contains.

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Color

Yxy(43.5706, 0.3633, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	CFA899
RGB	207, 168, 153
RGB Percent	81%, 66%, 60%
CMY	0.1882, 0.3412, 0.4000
CMYK	0.00, 0.19, 0.26, 0.19
HSL	17°, 36%, 71%
HSV	17°, 26%, 81%
XYZ	45.4862, 43.5706, 36.1461
YIQ	177.9510, 28.0590, 3.6030

Conversions

Conversions Part 2

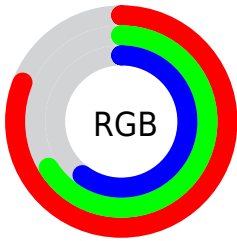
Format	Color
R _Y B	207, 174, 153
Decimal	13609113
CIE Lab	71.94, 12.04, 13.14
CIE LCh	72, 17.822, 47.493
Yxy	43.5706, 0.3633, 0.3480
Android (android.graphics.Color)	4291799193 (0xFFCFA899)
YUV	177.9510, -12.3008, 25.4760
Hunter-Lab	66.0080, 7.4905, 13.7384

Details

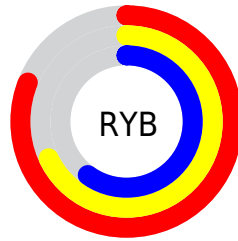
The Yxy color **43.5706, 0.3633, 0.3480** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.9774, 0.2730, 0.3091**, and the grayscale version is **44.5500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.5403, 0.3468, 0.3453**, and **20.1255, 0.3786, 0.3529** is the 20% darker color. If you saturate the color by 10%, you get **37.7406, 0.3894, 0.3557**, and if you desaturate by 10%, it is **50.1579, 0.3412, 0.3404**.

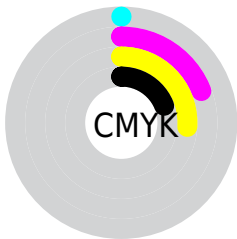
Distribution



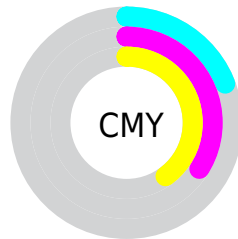
- Red (81%)
- Green (66%)
- Blue (60%)



- Red (81%)
- Yellow (68%)
- Blue (60%)



- Cyan (0%)
- Magenta (19%)
- Yellow (26%)
- Black (19%)





- Cyan (19%)
- Magenta (34%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5706, 0.3633, 0.3480 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 43.5706, 0.3633, 0.3480 by changing the saturation by 10% instead.


 43.5706, 0.3633,
0.3480


 43.5706, 0.3633,
0.3480


360.9531, 0.3375,
0.3389

 30.3331, 0.3699,
0.3501


 80.5712, 0.3538,
0.3448

 20.0915, 0.3784,
0.3528


 105.1031, 0.3503,
0.3436

 12.4616, 0.3899,
0.3561


134.1685, 0.3473,
0.3425

 7.0589, 0.4061,
0.3605

168.1519, 0.3448,
0.3416

 3.4989, 0.4306,
0.3660

207.4377, 0.3426,
0.3408

 1.3974, 0.4796,
0.3791

252.4102, 0.3407,

 0.2148, 0.6987,

0.3401

303.4539, 0.3390,
0.3395

0.3013

0.0000, 0.0000,
0.0000

43.5706, 0.3633,
0.3480

43.5706, 0.3633,
0.3480

37.7406, 0.3894,
0.3557

50.1579, 0.3412,
0.3404

32.6343, 0.4198,
0.3630

57.5225, 0.3226,
0.3332

28.2245, 0.4542,
0.3693

65.6913, 0.3069,
0.3264

24.4799, 0.4916,
0.3734

74.6878, 0.2939,
0.3202

21.3664, 0.5296,
0.3742

84.4378, 0.2836,
0.3161

■ 18.8469, 0.5647,
0.3708

■ 92.0070, 0.2844,
0.3289

■ 16.8793, 0.5931,
0.3631

■ 16.2446, 0.6027,
0.3596

Harmonies

Analogous

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



43.5706, 0.3541, 0.3266



43.5706, 0.3633, 0.3480



43.5706, 0.3582, 0.3656

Triad

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



43.5706, 0.3633, 0.3480



43.5706, 0.2914, 0.3529



43.5706, 0.2841, 0.2866

Complementary

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



43.5706, 0.3633, 0.3480



48.9774, 0.2730, 0.3091

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.



43.5706, 0.2687, 0.2915



43.5706, 0.3633, 0.3480



43.5706, 0.2728, 0.3293

Square

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



43.5706, 0.3633, 0.3480



43.5706, 0.3162, 0.3698



43.5706, 0.2647, 0.3068



43.5706, 0.3076, 0.2922

Rectangle

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



43.5706, 0.3633, 0.3480



43.5706, 0.3477, 0.3726



43.5706, 0.2647, 0.3068



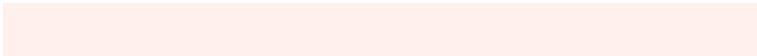
43.5706, 0.2779, 0.2871

Sweetspot

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



43.5726, 0.3633, 0.3480



89.7132, 0.3260, 0.3346



39.8799, 0.3288, 0.2808



18.8084, 0.3287, 0.3357



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.



43.5726, 0.3633, 0.3480



64.7414, 0.3766, 0.3521



54.3316, 0.3554, 0.3796



12.3353, 0.3284, 0.3355



10.3718, 0.6003, 0.3616



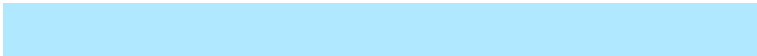
0.7144, 0.5635, 0.3908

Inverse Universe

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



48.9774, 0.2730, 0.3091



74.7426, 0.2652, 0.3045



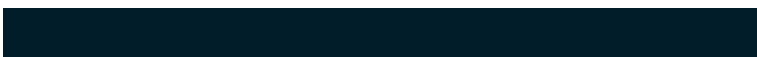
38.4034, 0.2696, 0.2727



12.8285, 0.2983, 0.3224



16.6443, 0.1991, 0.2367



1.0603, 0.2044, 0.2557

Previews

White Background



This preview shows how the Yxy color 43.5706, 0.3633, 0.3480 looks on a white background.

Color Contrast Check

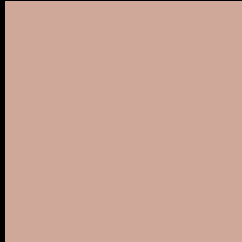
Large Text (above 18pt) WCAG AA × Fail

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 43.5706, 0.3633, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

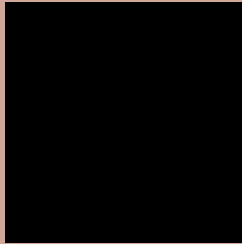
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5706, 0.3633, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 43.5706, 0.3633, 0.3480.



This preview shows how white text looks on a background with the Yxy color 43.5706, 0.3633, 0.3480.

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

43.5706, 0.3633, 0.3480

Protanopia

43.6753, 0.3359, 0.3545

Deuteranopia

43.6059, 0.3579, 0.3508



Tritanopia

43.4269, 0.3446, 0.3132

Trichromacy



Original Color

43.5706, 0.3633, 0.3480

Protanomaly

43.4939, 0.3448, 0.3514

Deuteranomaly

43.5132, 0.3601, 0.3494

Tritanomaly

43.2927, 0.3519, 0.3254

Monochromacy



Original Color

43.5706, 0.3633, 0.3480

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9555, 0.3305, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5706, 0.3633, 0.3480 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(207, 168, 153)` looks like.

```
.text, #text, p{  
    color:rgb(207, 168, 153)  
}
```

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(207, 168, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 168, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.5706, 0.3633, 0.3480 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(207, 168, 153) }
```

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

```
.border{ border-color:rgb(207, 168, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 168, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 168, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 168, 153);  
box-shadow:4px 4px 4px 4px rgb(207, 168,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5706, 0.3633, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 168, 153) }
```

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

```
.background{ background-color: rgb(207,  
168, 153) }
```

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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