

Converting Colors

$Yxy(43.8940, 0.3589, 0.3503)$

Have a look what the booklet for
Yxy(43.8940, 0.3589, 0.3503)
contains.

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Color

Yxy(43.8867, 0.3598, 0.3507)

Conversions

Conversions Part 1

Format	Color
Hex	CCAA99
RGB	204, 170, 153
RGB Percent	80%, 67%, 60%
CMY	0.2000, 0.3333, 0.4001
CMYK	0.00, 0.17, 0.25, 0.20
HSL	20°, 33%, 70%
HSV	20°, 25%, 80%
XYZ	45.0255, 43.8867, 36.2281
YIQ	178.2280, 25.7210, 1.9210

Conversions

Conversions Part 2

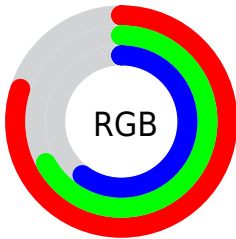
Format	Color
R _Y B	204, 179, 153
Decimal	13413017
CIE Lab	72.15, 9.80, 13.40
CIE LCh	72, 16.603, 53.812
Yxy	43.8867, 0.3598, 0.3507
Android (android.graphics.Color)	4291603097 (0xFFCCAA99)
YUV	178.2280, -12.4374, 22.6020
Hunter-Lab	66.2470, 5.3870, 13.9494

Details

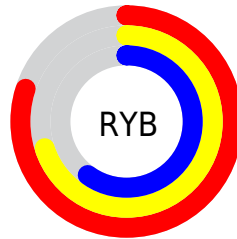
The Yxy color $43.8867, 0.3598, 0.3507$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $46.6632, 0.2743, 0.3062$, and the grayscale version is $44.7053, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.6154, 0.3465, 0.3473$, and $20.3057, 0.3735, 0.3566$ is the 20% darker color. If you saturate the color by 10%, you get $38.4350, 0.3845, 0.3599$, and if you desaturate by 10%, it is $49.9847, 0.3386, 0.3417$.

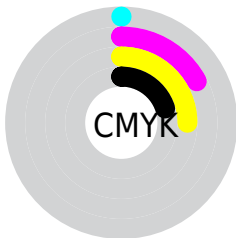
Distribution



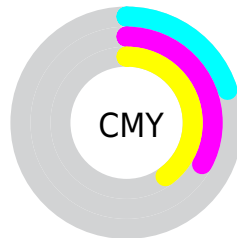
- Red (80%)
- Green (67%)
- Blue (60%)



- Red (80%)
- Yellow (70%)
- Blue (60%)



- Cyan (0%)
- Magenta (17%)
- Yellow (25%)
- Black (20%)





- Cyan (20%)
- Magenta (33%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8867, 0.3598, 0.3507 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 43.8867, 0.3598, 0.3507 by changing the saturation by 10% instead.


 43.8867, 0.3598,
0.3507


 43.8867, 0.3598,
0.3507


362.2457, 0.3359,
0.3402

 30.5814, 0.3659,
0.3532


 81.0472, 0.3510,
0.3469

 20.2803, 0.3738,
0.3564


 105.6713, 0.3477,
0.3455

 12.5990, 0.3844,
0.3604


134.8371, 0.3450,
0.3443

 7.1530, 0.3993,
0.3658

168.9290, 0.3426,
0.3432

 3.5580, 0.4218,
0.3731

208.3314, 0.3406,
0.3423

 1.4295, 0.4670,
0.3892

253.4288, 0.3388,

 0.2383, 0.6615,

0.3415

0.3385

304.6054, 0.3372,
0.3408

0.0000, 0.0000,
0.0000

43.8867, 0.3598,
0.3507

43.8867, 0.3598,
0.3507

38.4350, 0.3845,
0.3599

49.9847, 0.3386,
0.3417

33.6019, 0.4130,
0.3688

56.7437, 0.3207,
0.3331

29.3661, 0.4450,
0.3766

64.1854, 0.3054,
0.3251

25.7031, 0.4797,
0.3822

72.3288, 0.2925,
0.3177

22.5862, 0.5151,
0.3845

81.1919, 0.2816,
0.3110

■ 19.9865, 0.5485,
0.3824

■ 89.4087, 0.2825,
0.3253

■ 17.8714, 0.5766,
0.3752

■ 91.5776, 0.2827,
0.3289

■ 16.9792, 0.5888,
0.3707

Harmonies

Analogous

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



43.8867, 0.3540, 0.3311



43.8867, 0.3598, 0.3507



43.8867, 0.3524, 0.3656

Triad

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



43.8867, 0.3598, 0.3507



43.8867, 0.2886, 0.3469



43.8867, 0.2903, 0.2898

Complementary

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



43.8867, 0.3598, 0.3507



46.6632, 0.2743, 0.3062

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.



43.8867, 0.2740, 0.2923



43.8867, 0.3598, 0.3507



43.8867, 0.2730, 0.3246

Square

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



43.8867, 0.3598, 0.3507



43.8867, 0.3109, 0.3643



43.8867, 0.2678, 0.3047



43.8867, 0.3131, 0.2969

Rectangle

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



43.8867, 0.3598, 0.3507



43.8867, 0.3413, 0.3705



43.8867, 0.2678, 0.3047



43.8867, 0.2839, 0.2895

Sweetspot

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



43.8887, 0.3598, 0.3507



90.3863, 0.3259, 0.3357



39.2030, 0.3312, 0.2869



18.9771, 0.3286, 0.3370



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.



43.8887, 0.3598, 0.3507



67.6910, 0.3726, 0.3557



54.3911, 0.3525, 0.3813



11.8150, 0.3282, 0.3368



10.8409, 0.5863, 0.3727



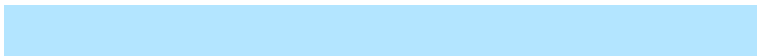
0.6986, 0.5479, 0.4032

Inverse Universe

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



46.6632, 0.2743, 0.3062



73.0474, 0.2661, 0.3006



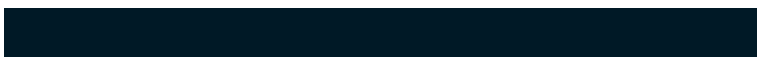
36.7914, 0.2712, 0.2706



12.0718, 0.2983, 0.3211



13.9934, 0.1936, 0.2170



0.8579, 0.2004, 0.2415

Previews

White Background



This preview shows how the Yxy color 43.8867, 0.3598, 0.3507 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 43.8867, 0.3598, 0.3507 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

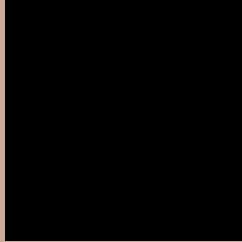
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8867, 0.3598, 0.3507

Background



This preview shows how black text looks on a background with the Yxy color 43.8867, 0.3598, 0.3507.



This preview shows how white text looks on a background with the Yxy color 43.8867, 0.3598, 0.3507.

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

43.8867, 0.3598, 0.3507

Protanopia

44.1589, 0.3374, 0.3571

Deuteranopia

43.7459, 0.3588, 0.3507



Tritanopia

43.7925, 0.3396, 0.3130

Trichromacy



Original Color

43.8867, 0.3598, 0.3507

Protanomaly

43.8451, 0.3455, 0.3540

Deuteranomaly

43.7459, 0.3588, 0.3507

Tritanomaly

43.6615, 0.3467, 0.3254

Monochromacy



Original Color

43.8867, 0.3598, 0.3507

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0893, 0.3285, 0.3369

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8867, 0.3598, 0.3507 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(204, 170, 153)` looks like.

```
.text, #text, p{  
    color:rgb(204, 170, 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(204, 170, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 170, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.8867, 0.3598, 0.3507 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(204, 170, 153) }
```

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

```
.border{ border-color:rgb(204, 170, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 170, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 170, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 170, 153);  
box-shadow:4px 4px 4px 4px rgb(204, 170,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8867, 0.3598, 0.3507 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 170, 153) }
```

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

```
.background{ background-color: rgb(204,  
170, 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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