

Converting Colors

$Yxy(43.6590, 0.3784, 0.3805)$

Have a look what the booklet for
Yxy(43.6590, 0.3784, 0.3805)
contains.

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Color

Yxy(43.4610, 0.3786, 0.3801)

Conversions

Conversions Part 1

Format	Color
Hex	CBAB83
RGB	203, 171, 131
RGB Percent	80%, 67%, 51%
CMY	0.2039, 0.3294, 0.4862
CMYK	0.00, 0.16, 0.35, 0.20
HSL	33°, 41%, 65%
HSV	33°, 35%, 80%
XYZ	43.2895, 43.4610, 27.5905
YIQ	176.0080, 31.9120, -5.6560

Conversions

Conversions Part 2

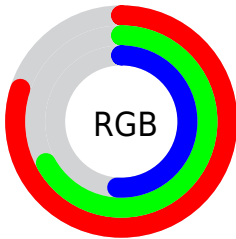
Format	Color
RYB	189, 203, 131
Decimal	13347715
CIELab	71.87, 5.96, 24.93
CIELCh	72, 25.637, 76.556
Yxy	43.4610, 0.3786, 0.3801
Android (android.graphics.Color)	4291537795 (0xFFCBAB83)
YUV	176.0080, -22.1889, 23.6720
Hunter-Lab	65.9250, 1.8430, 21.3338

Details

The Yxy color **43.4610, 0.3786, 0.3801** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.3431, 0.2554, 0.2715**, and the grayscale version is **43.5279, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1134, 0.3623, 0.3718**, and **20.0836, 0.3982, 0.3940** is the 20% darker color. If you saturate the color by 10%, you get **39.6713, 0.4017, 0.3945**, and if you desaturate by 10%, it is **47.5954, 0.3573, 0.3652**.

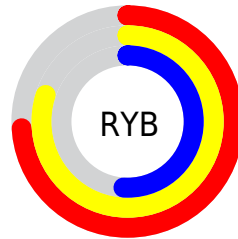
Distribution



Red (80%)

Green (67%)

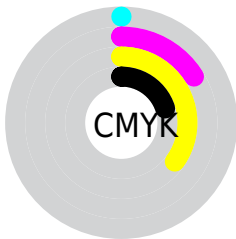
Blue (51%)



Red (74%)

Yellow (80%)

Blue (51%)

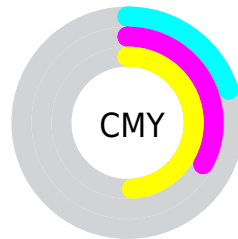


Cyan (0%)

Magenta (16%)

Yellow (35%)

Black (20%)



Cyan (20%)


Magenta (33%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4610, 0.3786, 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 43.4610, 0.3786, 0.3801 by changing the saturation by 10% instead.


 43.4610, 0.3786,
0.3801


 43.4610, 0.3786,
0.3801


360.5042, 0.3453,
0.3550

 30.2470, 0.3869,
0.3861


 80.4061, 0.3665,
0.3711

 20.0261, 0.3975,
0.3937


 104.9059, 0.3619,
0.3677

 12.4140, 0.4114,
0.4033


 133.9365, 0.3581,
0.3648

 7.0263, 0.4304,
0.4157

167.8822, 0.3548,
0.3623

 3.4786, 0.4572,
0.4320

207.1274, 0.3520,
0.3601

 1.3864, 0.5236,
0.4764

252.0566, 0.3495,

 0.2067, 0.6233,

0.3582

0.3767

303.0540, 0.3473,
0.3565

■ 0.0000, 0.0000,
0.0000

■ 43.4610, 0.3786,
0.3801

■ 43.4610, 0.3786,
0.3801

■ 39.6713, 0.4017,
0.3945

■ 47.5954, 0.3573,
0.3652

■ 36.2093, 0.4263,
0.4075

■ 52.0787, 0.3382,
0.3505

■ 33.0653, 0.4514,
0.4181

■ 56.9228, 0.3212,
0.3364

■ 30.2265, 0.4759,
0.4250

■ 62.1368, 0.3061,
0.3230

■ 27.6786, 0.4984,
0.4270

■ 67.7297, 0.2929,
0.3106

■ 25.4054, 0.5174,
0.4237

■ 73.7101, 0.2813,
0.2992

■ 24.4510, 0.5253,
0.4211

■ 78.8627, 0.2807,
0.3068

■ 84.1383, 0.2813,
0.3165

■ 89.6794, 0.2820,
0.3260

Harmonies

Analogous

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



43.4610, 0.3858, 0.3541



43.4610, 0.3786, 0.3801



43.4610, 0.3534, 0.3942

Triad

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



43.4610, 0.3786, 0.3801



43.4610, 0.2564, 0.3299



43.4610, 0.3038, 0.2768

Complementary

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



43.4610, 0.3786, 0.3801



35.3431, 0.2554, 0.2715

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.



43.4610, 0.2709, 0.2691



43.4610, 0.3786, 0.3801



43.4610, 0.2448, 0.2971

Square

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



43.4610, 0.3786, 0.3801



43.4610, 0.2828, 0.3649



43.4610, 0.2499, 0.2758



43.4610, 0.3412, 0.2964

Rectangle

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



43.4610, 0.3786, 0.3801



43.4610, 0.3304, 0.3933



43.4610, 0.2499, 0.2758



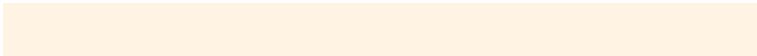
43.4610, 0.2919, 0.2728

Sweetspot

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



43.4630, 0.3786, 0.3801



90.6234, 0.3306, 0.3443



31.5966, 0.3586, 0.2876



19.1611, 0.3330, 0.3463



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.



43.4630, 0.3786, 0.3801



67.5795, 0.3973, 0.3919



56.5475, 0.3625, 0.4174



12.2296, 0.3276, 0.3419



15.7450, 0.5235, 0.4225



0.9622, 0.4978, 0.4430

Inverse Universe

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



35.3431, 0.2554, 0.2715



51.8985, 0.2418, 0.2556



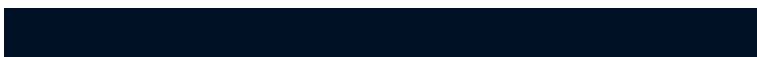
25.6729, 0.2519, 0.2243



11.6513, 0.2983, 0.3158



7.6000, 0.1726, 0.1412



0.5426, 0.1831, 0.1792

Previews

White Background



This preview shows how the Yxy color 43.4610, 0.3786, 0.3801 looks on a white background.

Color Contrast Check

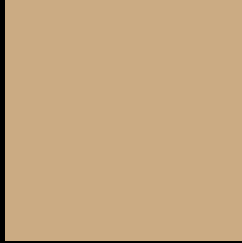
Large Text (above 18pt) WCAG AA × Fail

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 43.4610, 0.3786, 0.3801 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

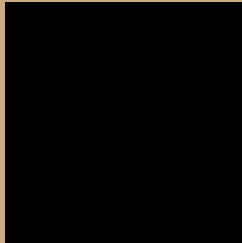
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4610, 0.3786, 0.3801

Background



This preview shows how black text looks on a background with the Yxy color 43.4610, 0.3786, 0.3801.



This preview shows how white text looks on a background with the Yxy color 43.4610, 0.3786, 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

43.4610, 0.3786, 0.3801

Protanopia

43.5629, 0.3613, 0.3863

Deuteranopia

43.4245, 0.3844, 0.3768



Tritanopia

43.5345, 0.3416, 0.3131

Trichromacy



Original Color

43.4610, 0.3786, 0.3801

Protanomaly

43.4074, 0.3678, 0.3842

Deuteranomaly

43.5100, 0.3820, 0.3784

Tritanomaly

43.3325, 0.3551, 0.3367

Monochromacy



Original Color

43.4610, 0.3786, 0.3801

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2493, 0.3355, 0.3477

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4610, 0.3786, 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(203, 171, 131)` looks like.

```
.text, #text, p{  
    color:rgb(203, 171, 131)  
}
```

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(203, 171, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 171, 131) }
```

Border

The CSS property to change the border of an element to Yxy 43.4610, 0.3786, 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(203, 171, 131) }
```

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

```
.border{ border-color:rgb(203, 171, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 171, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 171, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 171, 131);  
box-shadow:4px 4px 4px 4px rgb(203, 171,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4610, 0.3786, 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(203, 171, 131) }
```

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

```
.background{ background-color: rgb(203,  
171, 131) }
```

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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