

Converting Colors

$Y_{xy}(43.0933, 0.3795, 0.3885)$

Have a look what the booklet for
Yxy(43.0933, 0.3795, 0.3885)
contains.

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Color

Yxy(43.1535, 0.3788, 0.3885)

Conversions

Conversions Part 1

Format	Color
Hex	C7AC7E
RGB	199, 172, 126
RGB Percent	78%, 67%, 49%
CMY	0.2195, 0.3255, 0.5059
CMYK	0.00, 0.14, 0.37, 0.22
HSL	38°, 39%, 64%
HSV	38°, 37%, 78%
XYZ	42.0761, 43.1535, 25.8477
YIQ	174.8290, 30.8580, -8.5820

Conversions

Conversions Part 2

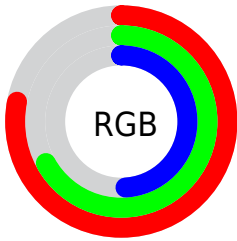
Format	Color
R_{YB}	169, 199, 126
Decimal	13085822
CIE _{Lab}	71.66, 3.23, 27.30
CIE _{LCh}	72, 27.489, 83.258
Yxy	43.1535, 0.3788, 0.3885
Android (android.graphics.Color)	4291275902 (0xFFC7AC7E)
YUV	174.8290, -24.0727, 21.1980
Hunter-Lab	65.6913, -0.6285, 22.6550

Details

The Yxy color $43.1535, 0.3788, 0.3885$ is a light color, and the websafe version is hex `CC9966`. A complement of this color would be $31.3493, 0.2522, 0.2609$, and the grayscale version is $42.8934, 0.3127, 0.3290$.

A 20% lighter version of the original color is $79.4528, 0.3655, 0.3779$, and $19.8840, 0.3980, 0.4054$ is the 20% darker color. If you saturate the color by 10%, you get $39.9654, 0.4003, 0.4045$, and if you desaturate by 10%, it is $46.6033, 0.3586, 0.3719$.

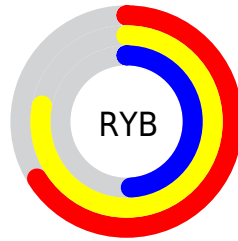
Distribution



Red (78%)

Green (67%)

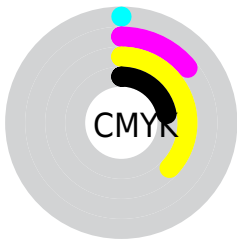
Blue (49%)



Red (66%)

Yellow (78%)

Blue (49%)

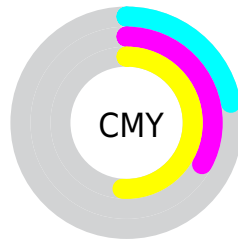


Cyan (0%)

Magenta (14%)

Yellow (37%)

Black (22%)



Cyan (22%)


Magenta (33%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.1535, 0.3788, 0.3885 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 43.1535, 0.3788, 0.3885 by changing the saturation by 10% instead.


 43.1535, 0.3788,
0.3885


 43.1535, 0.3788,
0.3885


359.2427, 0.3456,
0.3590


 30.0056, 0.3870,
0.3956


 79.9424, 0.3667,
0.3779

 19.8428, 0.3974,
0.4046


 104.3523, 0.3622,
0.3739

 12.2808, 0.4110,
0.4160


 133.2848, 0.3584,
0.3705

 6.9352, 0.4293,
0.4310

167.1245, 0.3551,
0.3675

 3.4216, 0.4555,
0.4518

206.2558, 0.3522,
0.3650

 1.3556, 0.5073,
0.4927

251.0629, 0.3497,

 0.1837, 0.5797,

0.3628

0.4203

301.9304, 0.3475,
0.3608

0.0000, 0.0000,
0.0000

43.1535, 0.3788,
0.3885

43.1535, 0.3788,
0.3885

39.9654, 0.4003,
0.4045

46.6033, 0.3586,
0.3719

37.0243, 0.4225,
0.4188

50.3167, 0.3399,
0.3553

34.3229, 0.4446,
0.4305

54.3033, 0.3230,
0.3393

31.8511, 0.4654,
0.4384

58.5703, 0.3079,
0.3241

29.5972, 0.4838,
0.4415

63.1245, 0.2944,
0.3099

■ 27.5469, 0.4991,
0.4394

■ 67.9726, 0.2824,
0.2967

■ 26.9061, 0.5038,
0.4381

■ 72.4387, 0.2775,
0.2950

■ 76.4737, 0.2781,
0.3031

■ 80.6823, 0.2787,
0.3111

Harmonies

Analogous

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



43.1535, 0.3915, 0.3625



43.1535, 0.3788, 0.3885



43.1535, 0.3484, 0.4000

Triad

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



43.1535, 0.3788, 0.3885



43.1535, 0.2481, 0.3212



43.1535, 0.3120, 0.2769

Complementary

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



43.1535, 0.3788, 0.3885



31.3493, 0.2522, 0.2609

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.



43.1535, 0.2748, 0.2656



43.1535, 0.3788, 0.3885



43.1535, 0.2397, 0.2882

Square

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



43.1535, 0.3788, 0.3885



43.1535, 0.2731, 0.3598



43.1535, 0.2491, 0.2690



43.1535, 0.3517, 0.3001

Rectangle

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



43.1535, 0.3788, 0.3885



43.1535, 0.3227, 0.3959



43.1535, 0.2491, 0.2690



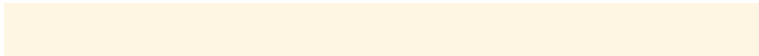
43.1535, 0.2988, 0.2717

Sweetspot

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



43.1555, 0.3788, 0.3885



91.8778, 0.3304, 0.3464



29.3982, 0.3665, 0.2924



19.4604, 0.3327, 0.3486



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.



43.1555, 0.3788, 0.3885



71.0655, 0.3958, 0.4013



53.3767, 0.3599, 0.4217



11.7316, 0.3274, 0.3435



17.4687, 0.5024, 0.4393



0.9623, 0.4807, 0.4565

Inverse Universe

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



31.3493, 0.2522, 0.2609



47.4575, 0.2383, 0.2430



24.1553, 0.2538, 0.2214



10.9197, 0.2983, 0.3140



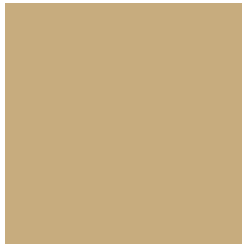
5.9251, 0.1665, 0.1194



0.4188, 0.1784, 0.1623

Previews

White Background



This preview shows how the Yxy color 43.1535, 0.3788, 0.3885 looks on a white background.

Color Contrast Check

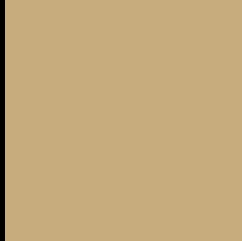
Large Text (above 18pt) WCAG AA × Fail

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 43.1535, 0.3788, 0.3885 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

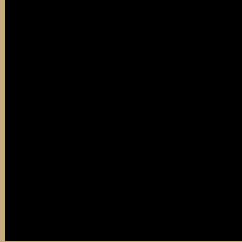
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1535, 0.3788, 0.3885

Background



This preview shows how black text looks on a background with the Yxy color 43.1535, 0.3788, 0.3885.



This preview shows how white text looks on a background with the Yxy color 43.1535, 0.3788, 0.3885.

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

43.1535, 0.3788, 0.3885

Protanopia

43.4280, 0.3656, 0.3930

Deuteranopia

42.9475, 0.3885, 0.3806



Tritanopia

43.1038, 0.3388, 0.3129

Trichromacy



Original Color

43.1535, 0.3788, 0.3885

Protanomaly

43.5297, 0.3708, 0.3922

Deuteranomaly

42.8874, 0.3851, 0.3824

Tritanomaly

43.2050, 0.3538, 0.3405

Monochromacy



Original Color

43.1535, 0.3788, 0.3885

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.8968, 0.3362, 0.3519

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1535, 0.3788, 0.3885 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(199, 172, 126)` looks like.

```
.text, #text, p{  
    color:rgb(199, 172, 126)  
}
```

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(199, 172, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 172, 126) }
```

Border

The CSS property to change the border of an element to Yxy 43.1535, 0.3788, 0.3885 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(199, 172, 126) }
```

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

```
.border{ border-color:rgb(199, 172, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 172, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 172, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 172, 126);  
box-shadow:4px 4px 4px 4px rgb(199, 172,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1535, 0.3788, 0.3885 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 172, 126) }
```

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

```
.background{ background-color: rgb(199,  
172, 126) }
```

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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