

Converting Colors

$Y_{xy}(43.1500, 0.4068, 0.3987)$

Have a look what the booklet for
Yxy(43.1500, 0.4068, 0.3987)
contains.

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Color

Yxy(43.1500, 0.4068, 0.3987)

Conversions

Conversions Part 1

Format	Color
Hex	D4A86F
RGB	212, 168, 111
RGB Percent	83%, 66%, 44%
CMY	0.1686, 0.3412, 0.5647
CMYK	0.00, 0.21, 0.48, 0.17
HSL	34°, 54%, 63%
HSV	34°, 48%, 83%
XYZ	44.0266, 43.1500, 21.0501
YIQ	174.6580, 44.5210, -8.3990

Conversions

Conversions Part 2

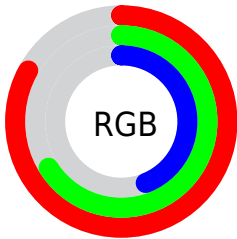
Format	Color
R_{YB}	189, 212, 111
Decimal	13936751
CIE _{Lab}	71.66, 9.04, 35.49
CIE _{LCh}	72, 36.620, 75.713
Yxy	43.1500, 0.4068, 0.3987
Android (android.graphics.Color)	4292126831 (0xFFD4A86F)
YUV	174.6580, -31.3834, 32.7489
Hunter-Lab	65.6887, 4.6812, 26.9824

Details

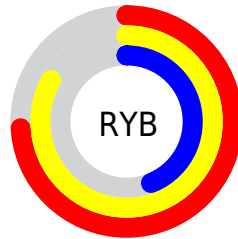
The Yxy color **43.1500, 0.4068, 0.3987** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.5857, 0.2347, 0.2457**, and the grayscale version is **42.8337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.6797, 0.3779, 0.3903**, and **19.8071, 0.4322, 0.4150** is the 20% darker color. If you saturate the color by 10%, you get **39.4480, 0.4313, 0.4115**, and if you desaturate by 10%, it is **47.2094, 0.3834, 0.3843**.

Distribution



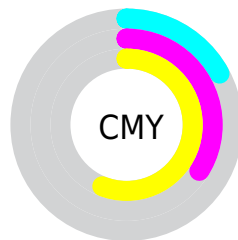
- Red (83%)
- Green (66%)
- Blue (44%)



- Red (74%)
- Yellow (83%)
- Blue (44%)



- Cyan (0%)
- Magenta (21%)
- Yellow (48%)
- Black (17%)





- Cyan (17%)
- Magenta (34%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1500, 0.4068, 0.3987 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 43.1500, 0.4068, 0.3987 by changing the saturation by 10% instead.


 43.1500, 0.4068,
0.3987


 43.1500, 0.4068,
0.3987


359.2283, 0.3597,
0.3654

 30.0028, 0.4182,
0.4062


 79.9372, 0.3899,
0.3871


 19.8407, 0.4325,
0.4152


 104.3459, 0.3834,
0.3826

 12.2793, 0.4507,
0.4260


 133.2774, 0.3780,
0.3787

 6.9342, 0.4741,
0.4384

 167.1159, 0.3733,
0.3753

 3.4210, 0.5186,
0.4638

206.2458, 0.3692,
0.3724

 1.3553, 0.5420,
0.4580

251.0516, 0.3656,

 0.1834, 0.6829,

0.3697

0.3171

301.9176, 0.3625,
0.3674

0.0000, 0.0000,
0.0000

43.1500, 0.4068,
0.3987

43.1500, 0.4068,
0.3987

39.4480, 0.4313,
0.4115

47.2094, 0.3834,
0.3843

36.0841, 0.4561,
0.4215

51.6320, 0.3618,
0.3692

33.0464, 0.4799,
0.4275


56.4312, 0.3422,
0.3542


30.3188, 0.5012,
0.4285


61.6176, 0.3247,
0.3396

27.8811, 0.5191,
0.4242

67.2015, 0.3092,
0.3258

 27.3416, 0.5231,
0.4228

 73.1924, 0.2956,
0.3130

 79.3117, 0.2861,
0.3056

 84.6707, 0.2865,
0.3153

 90.3076, 0.2870,
0.3250

Harmonies

Analogous

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



43.1500, 0.4174, 0.3608



43.1500, 0.4068, 0.3987



43.1500, 0.3705, 0.4222

Triad

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



43.1500, 0.4068, 0.3987



43.1500, 0.2341, 0.3305



43.1500, 0.2978, 0.2562

Complementary

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



43.1500, 0.4068, 0.3987



31.5857, 0.2347, 0.2457

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.



43.1500, 0.2524, 0.2457



43.1500, 0.4068, 0.3987



43.1500, 0.2182, 0.2833

Square

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



43.1500, 0.4068, 0.3987



43.1500, 0.2707, 0.3829



43.1500, 0.2247, 0.2542



43.1500, 0.3514, 0.2825

Rectangle

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



43.1500, 0.4068, 0.3987



43.1500, 0.3378, 0.4233



43.1500, 0.2247, 0.2542



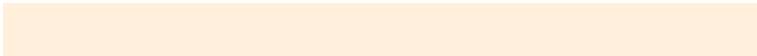
43.1500, 0.2812, 0.2508

Sweetspot

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



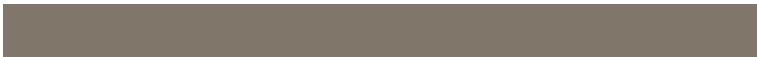
43.1521, 0.4068, 0.3987



88.3829, 0.3359, 0.3490



27.7865, 0.3825, 0.2734



18.5572, 0.3398, 0.3522



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.



43.1521, 0.4068, 0.3987



59.9283, 0.4312, 0.4115



61.5018, 0.3783, 0.4463



13.5718, 0.3277, 0.3422



17.0796, 0.5213, 0.4243



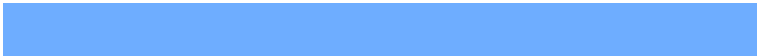
1.1935, 0.4989, 0.4420

Inverse Universe

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



31.5857, 0.2347, 0.2457



40.3959, 0.2186, 0.2243



19.8428, 0.2264, 0.1813



12.8901, 0.2982, 0.3155



7.8927, 0.1717, 0.1381



0.6391, 0.1811, 0.1718

Previews

White Background



This preview shows how the Yxy color 43.1500, 0.4068, 0.3987 looks on a white background.

Color Contrast Check

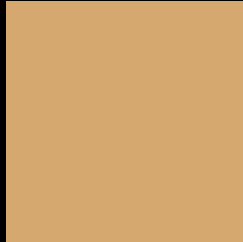
Large Text (above 18pt) WCAG AA × Fail

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 43.1500, 0.4068, 0.3987 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

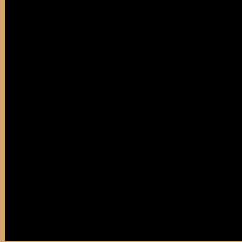
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.1500, 0.4068, 0.3987

Background



This preview shows how black text looks on a background with the Yxy color 43.1500, 0.4068, 0.3987.



This preview shows how white text looks on a background with the Yxy color 43.1500, 0.4068, 0.3987.

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

43.1500, 0.4068, 0.3987

Protanopia

43.3419, 0.3794, 0.4106

Deuteranopia

43.1500, 0.4068, 0.3987



Tritanopia

43.0642, 0.3569, 0.3135

Trichromacy



Original Color

43.1500, 0.4068, 0.3987

Protanomaly

43.2215, 0.3895, 0.4059

Deuteranomaly

43.1500, 0.4068, 0.3987

Tritanomaly

42.9953, 0.3766, 0.3451

Monochromacy



Original Color

43.1500, 0.4068, 0.3987

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.4634, 0.3448, 0.3558

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1500, 0.4068, 0.3987 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(212, 168, 111)` looks like.

```
.text, #text, p{  
    color:rgb(212, 168, 111)  
}
```

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(212, 168, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 168, 111) }
```

Border

The CSS property to change the border of an element to Yxy 43.1500, 0.4068, 0.3987 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(212, 168, 111) }
```

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

```
.border{ border-color:rgb(212, 168, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 168, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 168, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 168, 111);  
box-shadow:4px 4px 4px 4px rgb(212, 168,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1500, 0.4068, 0.3987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 168, 111) }
```

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

```
.background{ background-color: rgb(212,  
168, 111) }
```

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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