

Converting Colors

$Yxy(44.0172, 0.3883, 0.3761)$

Have a look what the booklet for
Yxy(44.0172, 0.3883, 0.3761)
contains.

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Color

Yxy(44.0117, 0.3883, 0.3761)

Conversions

Conversions Part 1

Format	Color
Hex	D4A983
RGB	212, 169, 131
RGB Percent	83%, 66%, 51%
CMY	0.1686, 0.3373, 0.4863
CMYK	0.00, 0.20, 0.38, 0.17
HSL	28°, 49%, 67%
HSV	28°, 38%, 83%
XYZ	45.4394, 44.0117, 27.5702
YIQ	177.5250, 37.8260, -2.7020

Conversions

Conversions Part 2

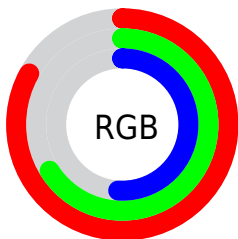
Format	Color
R _Y B	212, 203, 131
Decimal	13937027
CIE Lab	72.24, 10.63, 25.60
CIE LCh	72, 27.723, 67.446
Yxy	44.0117, 0.3883, 0.3761
Android (android.graphics.Color)	4292127107 (0xFFD4A983)
YUV	177.5250, -22.9368, 30.2346
Hunter-Lab	66.3413, 6.1633, 21.7991

Details

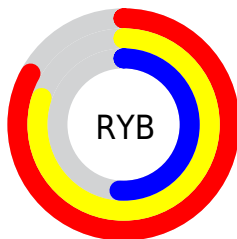
The Yxy color **44.0117, 0.3883, 0.3761** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.8558, 0.2521, 0.2762**, and the grayscale version is **44.3667, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.0320, 0.3629, 0.3699**, and **20.3846, 0.4104, 0.3881** is the 20% darker color. If you saturate the color by 10%, you get **39.4868, 0.4143, 0.3882**, and if you desaturate by 10%, it is **49.0190, 0.3648, 0.3634**.

Distribution



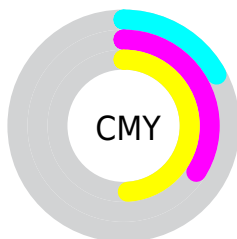
- Red (83%)
- Green (66%)
- Blue (51%)



- Red (83%)
- Yellow (80%)
- Blue (51%)



- Cyan (0%)
- Magenta (20%)
- Yellow (38%)
- Black (17%)



- Cyan (17%)
- Magenta (34%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0117, 0.3883, 0.3761 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 44.0117, 0.3883, 0.3761 by changing the saturation by 10% instead.


 44.0117, 0.3883,
0.3761


 44.0117, 0.3883,
0.3761

362.7560, 0.3501,
0.3535


 30.6797, 0.3978,
0.3813


 81.2353, 0.3744,
0.3681

 20.3551, 0.4100,
0.3878

 105.8958, 0.3692,
0.3651

 12.6534, 0.4260,
0.3958


 135.1012, 0.3648,
0.3624

 7.1903, 0.4478,
0.4057

169.2359, 0.3610,
0.3602

 3.5814, 0.4787,
0.4175

208.6843, 0.3577,
0.3582

 1.4423, 0.5500,
0.4500

253.8309, 0.3548,

 0.2476, 0.6665,

0.3564

0.3335

305.0600, 0.3523,
0.3548

0.0000, 0.0000,
0.0000

44.0117, 0.3883,
0.3761

44.0117, 0.3883,
0.3761

39.4868, 0.4143,
0.3882

49.0190, 0.3648,
0.3634

35.4219, 0.4423,
0.3987

54.5177, 0.3441,
0.3507

31.8015, 0.4713,
0.4064


60.5246, 0.3259,
0.3385


28.6067, 0.4997,
0.4101


67.0535, 0.3101,
0.3270

25.8166, 0.5256,
0.4087

74.1176, 0.2964,
0.3163

 23.4046, 0.5474,
0.4020

 81.5216, 0.2863,
0.3097

 23.0088, 0.5512,
0.4006

 88.2291, 0.2868,
0.3215

 92.7396, 0.2872,
0.3289

Harmonies

Analogous

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



44.0117, 0.3892, 0.3459



44.0117, 0.3883, 0.3761



44.0117, 0.3662, 0.3964

Triad

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



44.0117, 0.3883, 0.3761



44.0117, 0.2593, 0.3417



44.0117, 0.2913, 0.2691

Complementary

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



44.0117, 0.3883, 0.3761



39.8558, 0.2521, 0.2762

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.



44.0117, 0.2593, 0.2653



44.0117, 0.3883, 0.3761



44.0117, 0.2418, 0.3042

Square

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



44.0117, 0.3883, 0.3761



44.0117, 0.2913, 0.3777



44.0117, 0.2419, 0.2771



44.0117, 0.3312, 0.2866

Rectangle

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



44.0117, 0.3883, 0.3761



44.0117, 0.3432, 0.4001



44.0117, 0.2419, 0.2771



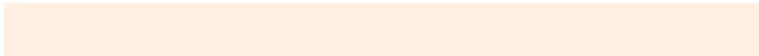
44.0117, 0.2794, 0.2662

Sweetspot

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



44.0138, 0.3883, 0.3761



89.1867, 0.3309, 0.3420



33.2946, 0.3562, 0.2762



18.8189, 0.3333, 0.3437



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.



44.0138, 0.3883, 0.3761



61.1032, 0.4096, 0.3862



61.3945, 0.3708, 0.4205



13.3716, 0.3279, 0.3400



14.3989, 0.5489, 0.4024



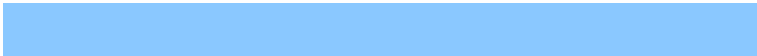
1.0334, 0.5208, 0.4247

Inverse Universe

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



39.8558, 0.2521, 0.2762



53.8963, 0.2391, 0.2623



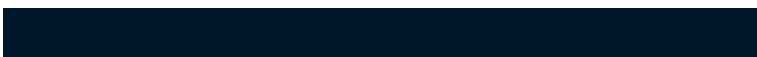
26.5451, 0.2434, 0.2174



13.0894, 0.2982, 0.3178



10.3672, 0.1803, 0.1691



0.7904, 0.1886, 0.1990

Previews

White Background



This preview shows how the Yxy color 44.0117, 0.3883, 0.3761 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 44.0117, 0.3883, 0.3761 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

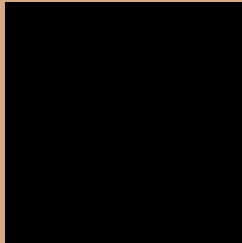
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0117, 0.3883, 0.3761

Background



This preview shows how black text looks on a background with the Yxy color 44.0117, 0.3883, 0.3761.



This preview shows how white text looks on a background with the Yxy color 44.0117, 0.3883, 0.3761.

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

44.0117, 0.3883, 0.3761

Protanopia

44.1407, 0.3602, 0.3847

Deuteranopia

44.0898, 0.3859, 0.3776



Tritanopia

44.0807, 0.3524, 0.3135

Trichromacy



Original Color

44.0117, 0.3883, 0.3761

Protanomaly

43.9991, 0.3699, 0.3809

Deuteranomaly

44.2370, 0.3868, 0.3775

Tritanomaly

43.8954, 0.3653, 0.3353

Monochromacy



Original Color

44.0117, 0.3883, 0.3761

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1803, 0.3381, 0.3474

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0117, 0.3883, 0.3761 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, 169, 131)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 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(212, 169, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 131) }
```

Border

The CSS property to change the border of an element to Yxy 44.0117, 0.3883, 0.3761 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, 169, 131) }
```

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

```
.border{ border-color:rgb(212, 169, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 131);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0117, 0.3883, 0.3761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 169, 131) }
```

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

```
.background{ background-color: rgb(212,  
169, 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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