

Converting Colors

$Y_{xy}(43.9882, 0.3975, 0.3637)$

Have a look what the booklet for
Yxy(43.9882, 0.3975, 0.3637)
contains.

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Color

Yxy(43.9882, 0.3975, 0.3637)

Conversions

Conversions Part 1

Format	Color
Hex	DFA487
RGB	223, 164, 135
RGB Percent	87%, 64%, 53%
CMY	0.1256, 0.3568, 0.4705
CMYK	0.00, 0.26, 0.39, 0.13
HSL	20°, 58%, 70%
HSV	20°, 39%, 87%
XYZ	48.0762, 43.9882, 28.8820
YIQ	178.3350, 44.4730, 3.4890

Conversions

Conversions Part 2

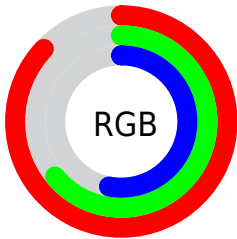
Format	Color
R _Y B	223, 178, 135
Decimal	14656647
CIE Lab	72.22, 18.12, 23.60
CIE LCh	72, 29.755, 52.481
Yxy	43.9882, 0.3975, 0.3637
Android (android.graphics.Color)	4292846727 (0xFFDFA487)
YUV	178.3350, -21.3642, 39.1712
Hunter-Lab	66.3236, 13.3235, 20.6075

Details

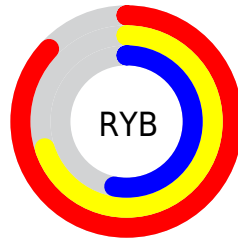
The Yxy color **43.9882, 0.3975, 0.3637** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **49.0523, 0.2525, 0.2908**, and the grayscale version is **44.8064, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.5539, 0.3613, 0.3609**, and **20.3512, 0.4225, 0.3713** is the 20% darker color. If you saturate the color by 10%, you get **38.3868, 0.4280, 0.3721**, and if you desaturate by 10%, it is **50.3541, 0.3708, 0.3546**.

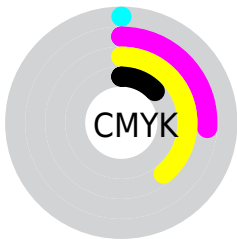
Distribution



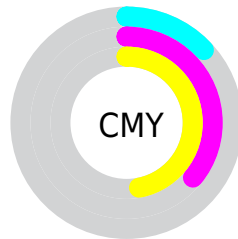
- Red (87%)
- Green (64%)
- Blue (53%)



- Red (87%)
- Yellow (70%)
- Blue (53%)



- Cyan (0%)
- Magenta (26%)
- Yellow (39%)
- Black (13%)





- Cyan (13%)
- Magenta (36%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9882, 0.3975, 0.3637 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 43.9882, 0.3975, 0.3637 by changing the saturation by 10% instead.


 43.9882, 0.3975,
0.3637


 43.9882, 0.3975,
0.3637


362.6601, 0.3544,
0.3477


 30.6612, 0.4083,
0.3672


 81.2000, 0.3818,
0.3583

 20.3410, 0.4222,
0.3713


 105.8536, 0.3759,
0.3561

 12.6432, 0.4406,
0.3761


 135.0515, 0.3709,
0.3542

 7.1833, 0.4659,
0.3815

169.1782, 0.3666,
0.3526

 3.5770, 0.5023,
0.3864

208.6180, 0.3630,
0.3511

 1.4399, 0.5904,
0.4096

253.7553, 0.3598,

 0.2458, 0.7333,

0.3499

0.2667

304.9746, 0.3569,
0.3487

0.0000, 0.0000,
0.0000

43.9882, 0.3975,
0.3637

43.9882, 0.3975,
0.3637

38.3868, 0.4280,
0.3721

50.3541, 0.3708,
0.3546

33.5137, 0.4617,
0.3790

57.5064, 0.3479,
0.3455

29.3387, 0.4974,
0.3832

65.4738, 0.3284,
0.3368

25.8271, 0.5327,
0.3833


74.2818, 0.3119,
0.3286


22.9404, 0.5642,
0.3786

83.9545, 0.2979,
0.3210

 20.6298, 0.5895,
0.3696

 93.5941, 0.2934,
0.3276

 20.5178, 0.5908,
0.3691

 94.4249, 0.2934,
0.3289

Harmonies

Analogous

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



43.9882, 0.3862, 0.3296



43.9882, 0.3975, 0.3637



43.9882, 0.3843, 0.3921

Triad

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



43.9882, 0.3975, 0.3637



43.9882, 0.2709, 0.3632



43.9882, 0.2711, 0.2610

Complementary

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



43.9882, 0.3975, 0.3637



49.0523, 0.2525, 0.2908

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.



43.9882, 0.2441, 0.2649



43.9882, 0.3975, 0.3637



43.9882, 0.2439, 0.3215

Square

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



43.9882, 0.3975, 0.3637



43.9882, 0.3102, 0.3955



43.9882, 0.2346, 0.2858



43.9882, 0.3107, 0.2729

Rectangle

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



43.9882, 0.3975, 0.3637



43.9882, 0.3642, 0.4033



43.9882, 0.2346, 0.2858



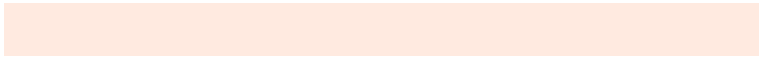
43.9882, 0.2604, 0.2605

Sweetspot

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



43.9903, 0.3975, 0.3637



85.7877, 0.3332, 0.3391



36.9617, 0.3443, 0.2600



18.0525, 0.3357, 0.3402



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.



43.9903, 0.3975, 0.3637



53.5425, 0.4213, 0.3705



61.9888, 0.3781, 0.4107



14.4350, 0.3284, 0.3368



12.2513, 0.5881, 0.3713



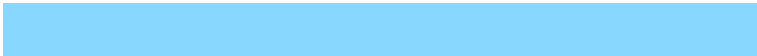
1.0092, 0.5580, 0.3951

Inverse Universe

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



49.0523, 0.2525, 0.2908



61.2325, 0.2415, 0.2817



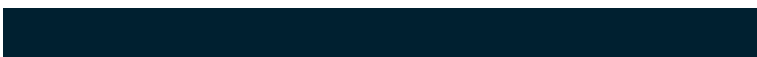
32.6565, 0.2434, 0.2310



14.7709, 0.2982, 0.3211



16.0756, 0.1939, 0.2179



1.2760, 0.1992, 0.2370

Previews

White Background



This preview shows how the Yxy color 43.9882, 0.3975, 0.3637 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 43.9882, 0.3975, 0.3637 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

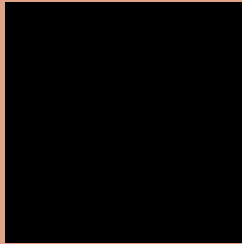
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9882, 0.3975, 0.3637

Background



This preview shows how black text looks on a background with the Yxy color 43.9882, 0.3975, 0.3637.



This preview shows how white text looks on a background with the Yxy color 43.9882, 0.3975, 0.3637.

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

43.9882, 0.3975, 0.3637

Protanopia

44.1862, 0.3541, 0.3769

Deuteranopia

44.0260, 0.3822, 0.3741



Tritanopia

43.9053, 0.3669, 0.3151

Trichromacy



Original Color

43.9882, 0.3975, 0.3637

Protanomaly

43.7866, 0.3690, 0.3715

Deuteranomaly

44.0226, 0.3879, 0.3709

Tritanomaly

43.9659, 0.3782, 0.3327

Monochromacy



Original Color

43.9882, 0.3975, 0.3637

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.9651, 0.3414, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9882, 0.3975, 0.3637 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(223, 164, 135)` looks like.

```
.text, #text, p{  
    color:rgb(223, 164, 135)  
}
```

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(223, 164, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 164, 135) }
```

Border

The CSS property to change the border of an element to Yxy 43.9882, 0.3975, 0.3637 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(223, 164, 135) }
```

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

```
.border{ border-color:rgb(223, 164, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 164, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 164, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 164, 135);  
box-shadow:4px 4px 4px 4px rgb(223, 164,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9882, 0.3975, 0.3637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 164, 135) }
```

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

```
.background{ background-color: rgb(223,  
164, 135) }
```

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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