

Converting Colors

$Yxy(43.8678, 0.3945, 0.3844)$

Have a look what the booklet for
Yxy(43.8678, 0.3945, 0.3844)
contains.

Yxy(43.8282, 0.3947, 0.3846)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.8282, 0.3947, 0.3846)

Conversions

Conversions Part 1

Format	Color
Hex	D4A97C
RGB	212, 169, 124
RGB Percent	83%, 66%, 49%
CMY	0.1686, 0.3372, 0.5138
CMYK	0.00, 0.20, 0.42, 0.17
HSL	31°, 51%, 66%
HSV	31°, 42%, 83%
XYZ	44.9792, 43.8282, 25.1505
YIQ	176.7270, 40.0730, -4.8790

Conversions

Conversions Part 2

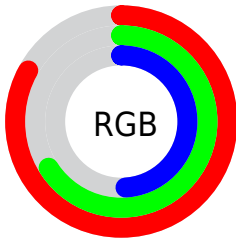
Format	Color
RYB	208, 212, 124
Decimal	13937020
CIELab	72.11, 9.84, 29.21
CIElCh	72, 30.819, 71.384
Yxy	43.8282, 0.3947, 0.3846
Android (android.graphics.Color)	4292127100 (0xFFD4A97C)
YUV	176.7270, -25.9944, 30.9344
Hunter-Lab	66.2029, 5.4204, 23.8177

Details

The Yxy color **43.8282, 0.3947, 0.3846** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.6719, 0.2460, 0.2652**, and the grayscale version is **43.9396, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7456, 0.3678, 0.3771**, and **20.2849, 0.4189, 0.3988** is the 20% darker color. If you saturate the color by 10%, you get **39.6475, 0.4202, 0.3973**, and if you desaturate by 10%, it is **48.4337, 0.3713, 0.3710**.

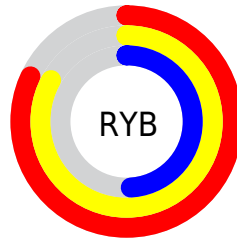
Distribution



Red (83%)

Green (66%)

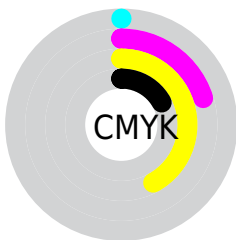
Blue (49%)



Red (82%)

Yellow (83%)

Blue (49%)

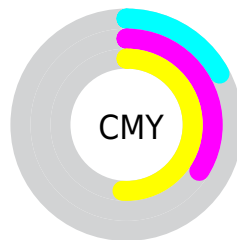


Cyan (0%)

Magenta (20%)

Yellow (42%)

Black (17%)



Cyan (17%)


Magenta (34%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8282, 0.3947, 0.3846 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 43.8282, 0.3947, 0.3846 by changing the saturation by 10% instead.


 43.8282, 0.3947,
0.3846

 43.8282, 0.3947,
0.3846


362.0067, 0.3534,
0.3579


 30.5355, 0.4049,
0.3907


 80.9592, 0.3797,
0.3752

 20.2454, 0.4179,
0.3982


 105.5662, 0.3741,
0.3716

 12.5735, 0.4347,
0.4075


 134.7134, 0.3693,
0.3685

 7.1355, 0.4573,
0.4187

168.7853, 0.3652,
0.3658

 3.5470, 0.4904,
0.4334

208.1662, 0.3617,
0.3634

 1.4235, 0.5457,
0.4543

253.2404, 0.3586,

 0.2340, 0.6641,

0.3614

0.3359

304.3925, 0.3558,
0.3595

0.0000, 0.0000,
0.0000

43.8282, 0.3947,
0.3846

43.8282, 0.3947,
0.3846

39.6475, 0.4202,
0.3973

48.4337, 0.3713,
0.3710

35.8710, 0.4470,
0.4080

53.4714, 0.3502,
0.3572

32.4849, 0.4740,
0.4155


58.9563, 0.3315,
0.3437


29.4724, 0.4996,
0.4185


64.9006, 0.3150,
0.3309

26.8139, 0.5222,
0.4161


71.3159, 0.3007,
0.3189

 24.8145, 0.5387,
0.4105

 78.2135, 0.2882,
0.3078

 84.4330, 0.2865,
0.3149

 90.7584, 0.2870,
0.3257

 92.7390, 0.2872,
0.3289

Harmonies

Analogous

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



43.8282, 0.3994, 0.3519



43.8282, 0.3947, 0.3846



43.8282, 0.3673, 0.4056

Triad

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



43.8282, 0.3947, 0.3846



43.8282, 0.2499, 0.3371



43.8282, 0.2943, 0.2647

Complementary

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



43.8282, 0.3947, 0.3846



36.6719, 0.2460, 0.2652

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.



43.8282, 0.2574, 0.2582



43.8282, 0.3947, 0.3846



43.8282, 0.2332, 0.2963

Square

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



43.8282, 0.3947, 0.3846



43.8282, 0.2834, 0.3790



43.8282, 0.2359, 0.2685



43.8282, 0.3390, 0.2856

Rectangle

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



43.8282, 0.3947, 0.3846



43.8282, 0.3408, 0.4081



43.8282, 0.2359, 0.2685



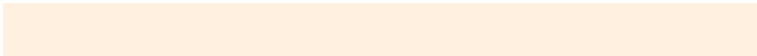
43.8282, 0.2807, 0.2608

Sweetspot

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



43.8303, 0.3947, 0.3846



89.0128, 0.3325, 0.3445



31.2362, 0.3648, 0.2751



18.8098, 0.3349, 0.3462



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.



43.8303, 0.3947, 0.3846



60.8154, 0.4176, 0.3961



62.5473, 0.3743, 0.4309



13.4604, 0.3278, 0.3409



15.5185, 0.5365, 0.4122



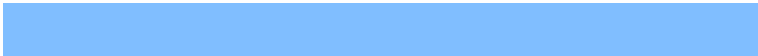
1.1015, 0.5109, 0.4325

Inverse Universe

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



36.6719, 0.2460, 0.2652



48.5083, 0.2316, 0.2483



23.4479, 0.2357, 0.2017



13.0004, 0.2982, 0.3168



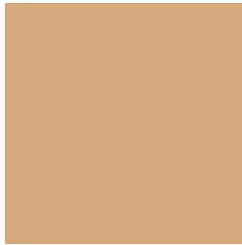
9.1939, 0.1764, 0.1549



0.7200, 0.1852, 0.1868

Previews

White Background



This preview shows how the Yxy color 43.8282, 0.3947, 0.3846 looks on a white background.

Color Contrast Check

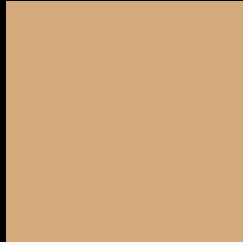
Large Text (above 18pt) WCAG AA × Fail

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 43.8282, 0.3947, 0.3846 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

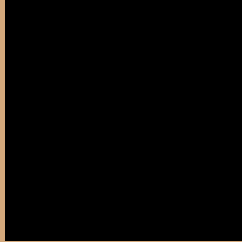
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8282, 0.3947, 0.3846

Background



This preview shows how black text looks on a background with the Yxy color 43.8282, 0.3947, 0.3846.



This preview shows how white text looks on a background with the Yxy color 43.8282, 0.3947, 0.3846.

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

43.8282, 0.3947, 0.3846

Protanopia

44.0530, 0.3680, 0.3951

Deuteranopia

43.6801, 0.3937, 0.3848



Tritanopia

43.6875, 0.3536, 0.3135

Trichromacy



Original Color

43.8282, 0.3947, 0.3846

Protanomaly

43.9206, 0.3779, 0.3909

Deuteranomaly

43.6801, 0.3937, 0.3848

Tritanomaly

43.7576, 0.3691, 0.3402

Monochromacy



Original Color

43.8282, 0.3947, 0.3846

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6879, 0.3410, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8282, 0.3947, 0.3846 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, 124)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 124)  
}
```

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, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 124) }
```

Border

The CSS property to change the border of an element to Yxy 43.8282, 0.3947, 0.3846 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, 124) }
```

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

```
.border{ border-color:rgb(212, 169, 124) }
```

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, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 169, 124); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 169, 124); box-shadow:4px 4px 4px 4px rgb(212, 169, 124) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8282, 0.3947, 0.3846 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, 124) }
```

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

```
.background{ background-color: rgb(212,  
169, 124) }
```

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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