

Converting Colors

$Yxy(44.1046, 0.3984, 0.3870)$

Have a look what the booklet for
Yxy(44.1046, 0.3984, 0.3870)
contains.

Yxy(44.0772, 0.3984, 0.3865)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.0772, 0.3984, 0.3865)

Conversions

Conversions Part 1

Format	Color
Hex	D6A97A
RGB	214, 169, 122
RGB Percent	84%, 66%, 48%
CMY	0.1608, 0.3372, 0.5215
CMYK	0.00, 0.21, 0.43, 0.16
HSL	31°, 53%, 66%
HSV	31°, 43%, 84%
XYZ	45.4343, 44.0772, 24.5304
YIQ	177.0970, 41.9070, -5.0770

Conversions

Conversions Part 2

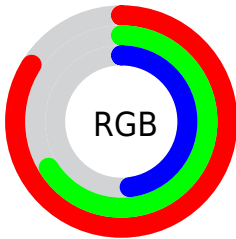
Format	Color
R _Y B	210, 214, 122
Decimal	14068090
CIE Lab	72.28, 10.43, 30.51
CIE LCh	72, 32.244, 71.127
Yxy	44.0772, 0.3984, 0.3865
Android (android.graphics.Color)	4292258170 (0xFFD6A97A)
YUV	177.0970, -27.1628, 32.3639
Hunter-Lab	66.3907, 5.9724, 24.5666

Details

The Yxy color **44.0772, 0.3984, 0.3865** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.6388, 0.2436, 0.2626**, and the grayscale version is **44.1509, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.6665, 0.3692, 0.3791**, and **20.3717, 0.4214, 0.3999** is the 20% darker color. If you saturate the color by 10%, you get **39.8649, 0.4241, 0.3990**, and if you desaturate by 10%, it is **48.7225, 0.3746, 0.3730**.

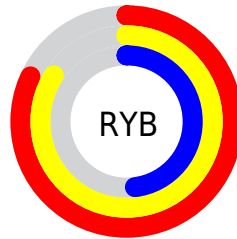
Distribution



Red (84%)

Green (66%)

Blue (48%)



Red (82%)

Yellow (84%)

Blue (48%)

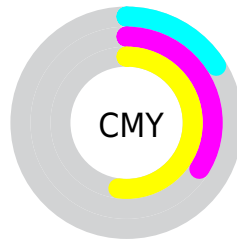


Cyan (0%)

Magenta (21%)

Yellow (43%)

Black (16%)



Cyan (16%)

Magenta (34%)

Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0772, 0.3984, 0.3865 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 44.0772, 0.3984, 0.3865 by changing the saturation by 10% instead.

 44.0772, 0.3984,
0.3865

 44.0772, 0.3984,
0.3865


363.0232, 0.3553,
0.3590

 30.7312, 0.4090,
0.3928


 81.3339, 0.3828,
0.3769

 20.3943, 0.4224,
0.4003

 106.0134, 0.3769,
0.3732

 12.6820, 0.4398,
0.4096


 135.2395, 0.3719,
0.3700

 7.2099, 0.4630,
0.4206

169.3966, 0.3677,
0.3672

 3.5937, 0.4975,
0.4355

208.8692, 0.3640,
0.3648

 1.4490, 0.5487,
0.4513

254.0415, 0.3607,

 0.2524, 0.6621,

0.3626

0.3379

305.2981, 0.3579,
0.3607

0.0000, 0.0000,
0.0000

44.0772, 0.3984,
0.3865

44.0772, 0.3984,
0.3865

39.8649, 0.4241,
0.3990

48.7225, 0.3746,
0.3730

36.0642, 0.4511,
0.4093

53.8086, 0.3531,
0.3591

32.6610, 0.4781,
0.4161


59.3507, 0.3341,
0.3456

29.6376, 0.5034,
0.4183


65.3617, 0.3173,
0.3327


26.9736, 0.5255,
0.4151


71.8534, 0.3026,
0.3206

 25.3002, 0.5389,
0.4103

 78.8375, 0.2899,
0.3094

 85.1939, 0.2877,
0.3158

 91.6158, 0.2882,
0.3266

 93.0369, 0.2883,
0.3289

Harmonies

Analogous

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



44.0772, 0.4031, 0.3523



44.0772, 0.3984, 0.3865



44.0772, 0.3699, 0.4089

Triad

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



44.0772, 0.3984, 0.3865



44.0772, 0.2474, 0.3378



44.0772, 0.2931, 0.2620

Complementary

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



44.0772, 0.3984, 0.3865



36.6388, 0.2436, 0.2626

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.



44.0772, 0.2548, 0.2553



44.0772, 0.3984, 0.3865



44.0772, 0.2300, 0.2950

Square

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



44.0772, 0.3984, 0.3865



44.0772, 0.2824, 0.3817



44.0772, 0.2327, 0.2661



44.0772, 0.3397, 0.2836

Rectangle

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



44.0772, 0.3984, 0.3865



44.0772, 0.3422, 0.4118



44.0772, 0.2327, 0.2661



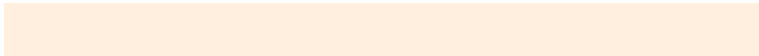
44.0772, 0.2789, 0.2580

Sweetspot

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



44.0793, 0.3984, 0.3865



88.1314, 0.3343, 0.3458



31.0477, 0.3675, 0.2732



18.4582, 0.3384, 0.3488



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.



44.0793, 0.3984, 0.3865



59.5578, 0.4229, 0.3984



63.7983, 0.3764, 0.4343



13.4591, 0.3278, 0.3409



15.5006, 0.5367, 0.4120



1.1005, 0.5111, 0.4324

Inverse Universe

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



36.6388, 0.2436, 0.2626



47.0426, 0.2285, 0.2445



22.9173, 0.2325, 0.1964



13.0017, 0.2982, 0.3168



9.2108, 0.1764, 0.1552



0.7210, 0.1853, 0.1870

Previews

White Background



This preview shows how the Yxy color 44.0772, 0.3984, 0.3865 looks on a white background.

Color Contrast Check

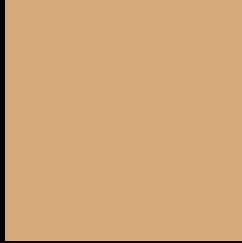
Large Text (above 18pt) WCAG AA × Fail

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 44.0772, 0.3984, 0.3865 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

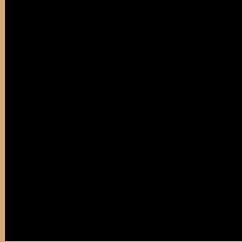
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0772, 0.3984, 0.3865

Background



This preview shows how black text looks on a background with the Yxy color 44.0772, 0.3984, 0.3865.



This preview shows how white text looks on a background with the Yxy color 44.0772, 0.3984, 0.3865.

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

44.0772, 0.3984, 0.3865

Protanopia

44.0270, 0.3689, 0.3964

Deuteranopia

44.1516, 0.3959, 0.3881



Tritanopia

43.9959, 0.3555, 0.3136

Trichromacy



Original Color

44.0772, 0.3984, 0.3865

Protanomaly

43.8949, 0.3787, 0.3922

Deuteranomaly

44.3007, 0.3969, 0.3879

Tritanomaly

44.0623, 0.3710, 0.3401

Monochromacy



Original Color

44.0772, 0.3984, 0.3865

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.6536, 0.3419, 0.3515

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0772, 0.3984, 0.3865 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(214, 169, 122)` looks like.

```
.text, #text, p{  
    color:rgb(214, 169, 122)  
}
```

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(214, 169, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 169, 122) }
```

Border

The CSS property to change the border of an element to Yxy 44.0772, 0.3984, 0.3865 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(214, 169, 122) }
```

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

```
.border{ border-color:rgb(214, 169, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 169, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 169, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 169, 122);  
box-shadow:4px 4px 4px 4px rgb(214, 169,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0772, 0.3984, 0.3865 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 169, 122) }
```

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

```
.background{ background-color: rgb(214,  
169, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor