

Converting Colors

$Yxy(44.8024, 0.3982, 0.3900)$

Have a look what the booklet for
Yxy(44.8024, 0.3982, 0.3900)
contains.

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Color

Yxy(44.8024, 0.3982, 0.3900)

Conversions

Conversions Part 1

Format	Color
Hex	D6AB79
RGB	214, 171, 121
RGB Percent	84%, 67%, 47%
CMY	0.1608, 0.3294, 0.5254
CMYK	0.00, 0.20, 0.43, 0.16
HSL	32°, 53%, 66%
HSV	32°, 43%, 84%
XYZ	45.7444, 44.8024, 24.3311
YIQ	178.1570, 41.6780, -6.4340

Conversions

Conversions Part 2

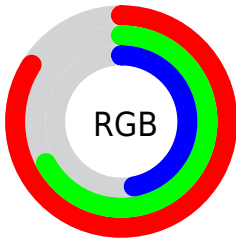
Format	Color
R_{YB}	201, 214, 121
Decimal	14068601
CIE Lab	72.76, 9.24, 31.67
CIE LCh	73, 32.992, 73.732
Yxy	44.8024, 0.3982, 0.3900
Android (android.graphics.Color)	4292258681 (0xFFD6AB79)
YUV	178.1570, -28.1784, 31.4343
Hunter-Lab	66.9346, 4.8548, 25.3019

Details

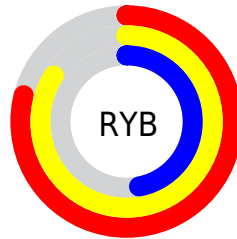
The Yxy color **44.8024, 0.3982, 0.3900** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.4718, 0.2422, 0.2580**, and the grayscale version is **44.7452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.7087, 0.3693, 0.3821**, and **20.8296, 0.4207, 0.4044** is the 20% darker color. If you saturate the color by 10%, you get **40.7374, 0.4232, 0.4030**, and if you desaturate by 10%, it is **49.2678, 0.3749, 0.3758**.

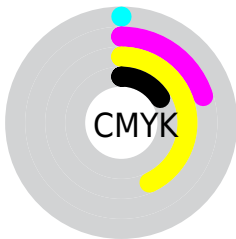
Distribution



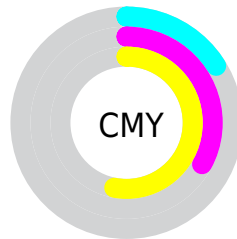
- Red (84%)
- Green (67%)
- Blue (47%)



- Red (79%)
- Yellow (84%)
- Blue (47%)



- Cyan (0%)
- Magenta (20%)
- Yellow (43%)
- Black (16%)





- Cyan (16%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.8024, 0.3982, 0.3900 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 44.8024, 0.3982, 0.3900 by changing the saturation by 10% instead.


 44.8024, 0.3982,
0.3900


 44.8024, 0.3982,
0.3900


365.9727, 0.3554,
0.3608

 31.3018, 0.4086,
0.3967


 82.4238, 0.3828,
0.3798

 20.8288, 0.4218,
0.4047


 107.3134, 0.3769,
0.3759

 12.9989, 0.4388,
0.4146


 136.7682, 0.3720,
0.3725

 7.4278, 0.4612,
0.4264

171.1724, 0.3677,
0.3695

 3.7310, 0.4945,
0.4427

210.9106, 0.3640,
0.3669

 1.5243, 0.5411,
0.4589

256.3671, 0.3608,

 0.3057, 0.6280,

0.3646

0.3720

307.9264, 0.3580,
0.3626

0.0000, 0.0000,
0.0000

44.8024, 0.3982,
0.3900

44.8024, 0.3982,
0.3900

40.7374, 0.4232,
0.4030

49.2678, 0.3749,
0.3758

37.0527, 0.4491,
0.4138

54.1403, 0.3537,
0.3613

33.7353, 0.4747,
0.4210


59.4342, 0.3348,
0.3471

30.7685, 0.4986,
0.4236

65.1611, 0.3180,
0.3335

28.1336, 0.5192,
0.4208

71.3321, 0.3033,
0.3207

 26.5699, 0.5310,
0.4166

 77.9578, 0.2904,
0.3089

 83.9877, 0.2876,
0.3137

 89.9807, 0.2881,
0.3240

 93.0347, 0.2883,
0.3289

Harmonies

Analogous

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



44.8024, 0.4054, 0.3558



44.8024, 0.3982, 0.3900



44.8024, 0.3674, 0.4113

Triad

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



44.8024, 0.3982, 0.3900



44.8024, 0.2440, 0.3338



44.8024, 0.2967, 0.2623

Complementary

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



44.8024, 0.3982, 0.3900



35.4718, 0.2422, 0.2580

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.



44.8024, 0.2566, 0.2541



44.8024, 0.3982, 0.3900



44.8024, 0.2281, 0.2911

Square

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



44.8024, 0.3982, 0.3900



44.8024, 0.2782, 0.3793



44.8024, 0.2326, 0.2633



44.8024, 0.3443, 0.2853

Rectangle

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



44.8024, 0.3982, 0.3900



44.8024, 0.3387, 0.4128



44.8024, 0.2326, 0.2633



44.8024, 0.2819, 0.2578

Sweetspot

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



44.8045, 0.3982, 0.3900



88.6545, 0.3342, 0.3467



30.6688, 0.3720, 0.2762



18.5872, 0.3382, 0.3498



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.



44.8045, 0.3982, 0.3900



61.1241, 0.4208, 0.4019



63.3020, 0.3745, 0.4363



13.5157, 0.3278, 0.3415



16.2718, 0.5289, 0.4182



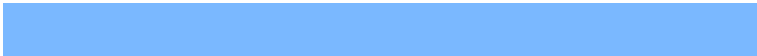
1.1463, 0.5049, 0.4373

Inverse Universe

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



35.4718, 0.2422, 0.2580



45.5444, 0.2276, 0.2399



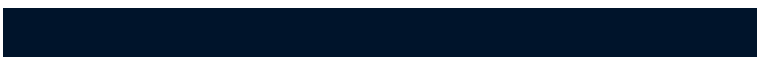
22.8275, 0.2340, 0.1956



12.9454, 0.2982, 0.3161



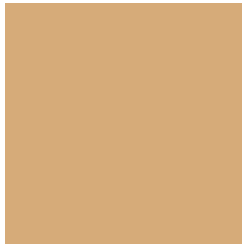
8.5245, 0.1740, 0.1464



0.6788, 0.1831, 0.1793

Previews

White Background



This preview shows how the Yxy color 44.8024, 0.3982, 0.3900 looks on a white background.

Color Contrast Check

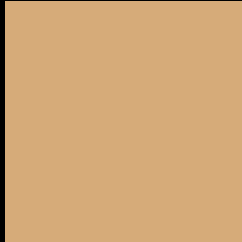
Large Text (above 18pt) WCAG AA × Fail

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 44.8024, 0.3982, 0.3900 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

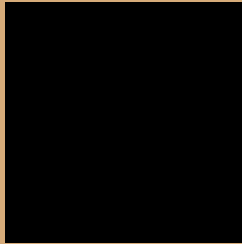
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8024, 0.3982, 0.3900

Background



This preview shows how black text looks on a background with the Yxy color 44.8024, 0.3982, 0.3900.



This preview shows how white text looks on a background with the Yxy color 44.8024, 0.3982, 0.3900.

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

44.8024, 0.3982, 0.3900

Protanopia

45.0329, 0.3716, 0.4008

Deuteranopia

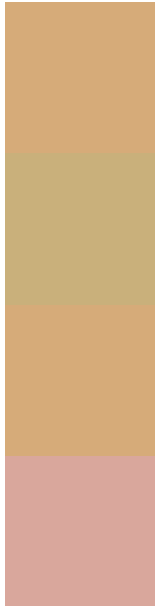
44.8024, 0.3982, 0.3900



Tritanopia

44.7456, 0.3541, 0.3148

Trichromacy



Original Color

44.8024, 0.3982, 0.3900

Protanomaly

44.8982, 0.3815, 0.3966

Deuteranomaly

44.8024, 0.3982, 0.3900

Tritanomaly

44.7894, 0.3704, 0.3425

Monochromacy



Original Color

44.8024, 0.3982, 0.3900

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1706, 0.3426, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.8024, 0.3982, 0.3900 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, 171, 121)` looks like.

```
.text, #text, p{  
    color:rgb(214, 171, 121)  
}
```

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, 171, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 171, 121) }
```

Border

The CSS property to change the border of an element to Yxy 44.8024, 0.3982, 0.3900 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, 171, 121) }
```

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

```
.border{ border-color:rgb(214, 171, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 171, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 171, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 171, 121);  
box-shadow:4px 4px 4px 4px rgb(214, 171,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8024, 0.3982, 0.3900 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 171, 121) }
```

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

```
.background{ background-color: rgb(214,  
171, 121) }
```

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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