

Converting Colors

$Y_{xy}(41.1762, 0.3969, 0.4056)$

Have a look what the booklet for
Yxy(41.1762, 0.3969, 0.4056)
contains.

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Color

Yxy(41.2301, 0.3966, 0.4061)

Conversions

Conversions Part 1

Format	Color
Hex	C7A86C
RGB	199, 168, 108
RGB Percent	78%, 66%, 42%
CMY	0.2196, 0.3412, 0.5764
CMYK	0.00, 0.16, 0.46, 0.22
HSL	40°, 45%, 60%
HSV	40°, 46%, 78%
XYZ	40.2656, 41.2301, 20.0313
YIQ	170.4290, 37.7360, -12.0880

Conversions

Conversions Part 2

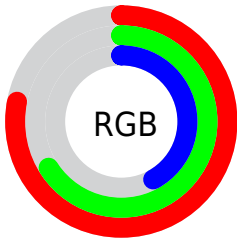
Format	Color
RYB	155, 199, 108
Decimal	13084780
CIELab	70.34, 3.38, 35.11
CIELCh	70, 35.270, 84.500
Yxy	41.2301, 0.3966, 0.4061
Android (android.graphics.Color)	4291274860 (0xFFC7A86C)
YUV	170.4290, -30.7775, 25.0568
Hunter-Lab	64.2107, -0.4339, 26.4513

Details

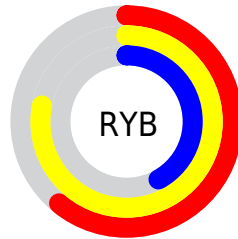
The Yxy color **41.2301, 0.3966, 0.4061** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **25.7905, 0.2357, 0.2362**, and the grayscale version is **40.5690, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.5734, 0.3800, 0.3933**, and **18.6462, 0.4194, 0.4259** is the 20% darker color. If you saturate the color by 10%, you get **38.4158, 0.4179, 0.4213**, and if you desaturate by 10%, it is **44.2756, 0.3758, 0.3894**.

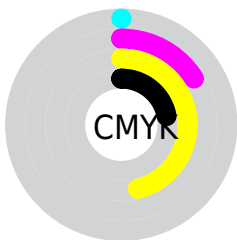
Distribution



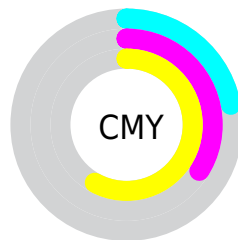
- Red (78%)
- Green (66%)
- Blue (42%)



- Red (61%)
- Yellow (78%)
- Blue (42%)



- Cyan (0%)
- Magenta (16%)
- Yellow (46%)
- Black (22%)





- Cyan (22%)
- Magenta (34%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.2301, 0.3966, 0.4061 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 41.2301, 0.3966, 0.4061 by changing the saturation by 10% instead.


 41.2301, 0.3966,
0.4061

 41.2301, 0.3966,
0.4061


351.2814, 0.3545,
0.3681


 28.4989, 0.4068,
0.4151


 77.0331, 0.3815,
0.3926

 18.7021, 0.4195,
0.4261


 100.8737, 0.3757,
0.3874

 11.4552, 0.4356,
0.4397


 129.1862, 0.3709,
0.3830

 6.3739, 0.4561,
0.4563

 162.3550, 0.3667,
0.3792

 3.0737, 0.5033,
0.4967

200.7645, 0.3630,
0.3759

 1.1704, 0.5093,
0.4907

244.7992, 0.3599,

 0.0373, 0.7598,

0.3730

0.2402

294.8433, 0.3570,
0.3704

0.0000, 0.0000,
0.0000

41.2301, 0.3966,
0.4061

41.2301, 0.3966,
0.4061

38.4158, 0.4179,
0.4213

44.2756, 0.3758,
0.3894

35.8184, 0.4389,
0.4338

47.5546, 0.3562,
0.3721

33.4301, 0.4586,
0.4427

51.0763, 0.3380,
0.3548

31.2403, 0.4759,
0.4468

54.8477, 0.3215,
0.3382

29.2359, 0.4902,
0.4459

58.8756, 0.3065,
0.3223

■ 28.4243, 0.4957,
0.4446

■ 63.1662, 0.2931,
0.3076

■ 67.7255, 0.2812,
0.2939

■ 71.7459, 0.2774,
0.2935

■ 75.4276, 0.2779,
0.3010

Harmonies

Analogous

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



41.2301, 0.4152, 0.3719



41.2301, 0.3966, 0.4061



41.2301, 0.3559, 0.4223

Triad

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



41.2301, 0.3966, 0.4061



41.2301, 0.2289, 0.3157



41.2301, 0.3134, 0.2638

Complementary

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



41.2301, 0.3966, 0.4061



25.7905, 0.2357, 0.2362

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.



41.2301, 0.2652, 0.2486



41.2301, 0.3966, 0.4061



41.2301, 0.2197, 0.2739

Square

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



41.2301, 0.3966, 0.4061



41.2301, 0.2593, 0.3673



41.2301, 0.2324, 0.2513



41.2301, 0.3653, 0.2932

Rectangle

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



41.2301, 0.3966, 0.4061



41.2301, 0.3225, 0.4170



41.2301, 0.2324, 0.2513



41.2301, 0.2962, 0.2569

Sweetspot

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



41.2320, 0.3966, 0.4061



90.3911, 0.3354, 0.3523



24.7645, 0.3904, 0.2874



19.0475, 0.3392, 0.3560



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.



41.2320, 0.3966, 0.4061



67.2137, 0.4181, 0.4214



52.2937, 0.3678, 0.4449



11.7846, 0.3273, 0.3442



18.4435, 0.4944, 0.4456



1.0038, 0.4750, 0.4610

Inverse Universe

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



25.7905, 0.2357, 0.2362



36.8835, 0.2181, 0.2111



18.9695, 0.2388, 0.1915



10.8686, 0.2983, 0.3133



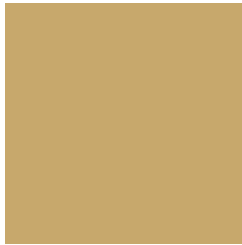
5.4436, 0.1643, 0.1115



0.3926, 0.1763, 0.1547

Previews

White Background



This preview shows how the Yxy color 41.2301, 0.3966, 0.4061 looks on a white background.

Color Contrast Check

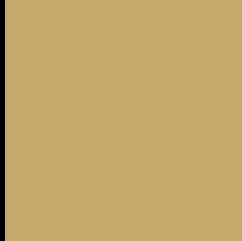
Large Text (above 18pt) WCAG AA × Fail

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 41.2301, 0.3966, 0.4061 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

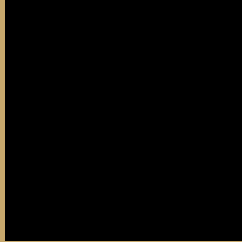
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.2301, 0.3966, 0.4061

Background



This preview shows how black text looks on a background with the Yxy color 41.2301, 0.3966, 0.4061.



This preview shows how white text looks on a background with the Yxy color 41.2301, 0.3966, 0.4061.

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

41.2301, 0.3966, 0.4061

Protanopia

41.1956, 0.3808, 0.4121

Deuteranopia

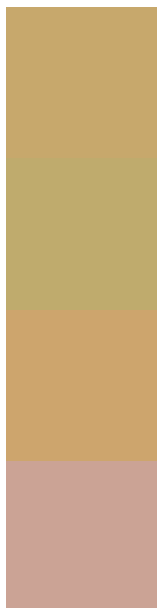
41.0649, 0.4071, 0.3976



Tritanopia

41.0993, 0.3453, 0.3140

Trichromacy



Original Color

41.2301, 0.3966, 0.4061

Protanomaly

41.3063, 0.3861, 0.4110

Deuteranomaly

40.9935, 0.4035, 0.3996

Tritanomaly

41.0608, 0.3648, 0.3471

Monochromacy



Original Color

41.2301, 0.3966, 0.4061

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.3063, 0.3433, 0.3593

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.2301, 0.3966, 0.4061 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(199, 168, 108)` looks like.

```
.text, #text, p{  
    color:rgb(199, 168, 108)  
}
```

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(199, 168, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 168, 108) }
```

Border

The CSS property to change the border of an element to Yxy 41.2301, 0.3966, 0.4061 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(199, 168, 108) }
```

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

```
.border{ border-color:rgb(199, 168, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 168, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 168, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 168, 108);  
box-shadow:4px 4px 4px 4px rgb(199, 168,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 41.2301, 0.3966, 0.4061 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 168, 108) }
```

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

```
.background{ background-color: rgb(199,  
168, 108) }
```

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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