

Converting Colors

$Y_{xy}(44.5041, 0.4010, 0.4024)$

Have a look what the booklet for
Yxy(44.5041, 0.4010, 0.4024)
contains.

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Color

Yxy(44.3989, 0.4008, 0.4016)

Conversions

Conversions Part 1

Format	Color
Hex	D2AC71
RGB	210, 172, 113
RGB Percent	82%, 67%, 44%
CMY	0.1765, 0.3255, 0.5570
CMYK	0.00, 0.18, 0.46, 0.18
HSL	37°, 52%, 63%
HSV	37°, 46%, 82%
XYZ	44.3105, 44.3989, 21.8457
YIQ	176.6360, 41.5870, -10.2930

Conversions

Conversions Part 2

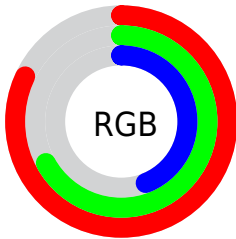
Format	Color
RYB	175, 210, 113
Decimal	13806705
CIELab	72.49, 6.26, 35.49
CIELCh	72, 36.039, 80.003
Yxy	44.3989, 0.4008, 0.4016
Android (android.graphics.Color)	4291996785 (0xFFD2AC71)
YUV	176.6360, -31.3725, 29.2602
Hunter-Lab	66.6325, 2.0952, 27.2043

Details

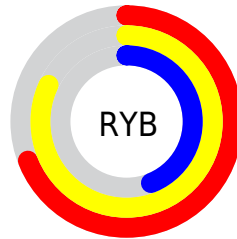
The Yxy color **44.3989, 0.4008, 0.4016** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.2818, 0.2359, 0.2422**, and the grayscale version is **43.9164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9513, 0.3745, 0.3911**, and **20.5754, 0.4234, 0.4192** is the 20% darker color. If you saturate the color by 10%, you get **40.9477, 0.4238, 0.4157**, and if you desaturate by 10%, it is **48.1575, 0.3787, 0.3860**.

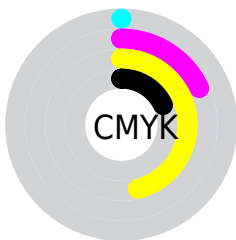
Distribution



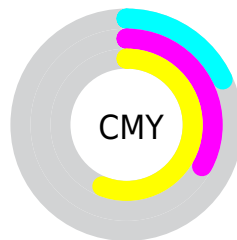
- Red (82%)
- Green (67%)
- Blue (44%)



- Red (69%)
- Yellow (82%)
- Blue (44%)



- Cyan (0%)
- Magenta (18%)
- Yellow (46%)
- Black (18%)




- Cyan (18%)
- Magenta (33%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3989, 0.4008, 0.4016 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 44.3989, 0.4008, 0.4016 by changing the saturation by 10% instead.


 44.3989, 0.4008,
0.4016

 44.3989, 0.4008,
0.4016


364.3336, 0.3570,
0.3666


 30.9842, 0.4113,
0.4096


 81.8177, 0.3851,
0.3894


 20.5868, 0.4244,
0.4193


 106.5905, 0.3792,
0.3846

 12.8223, 0.4411,
0.4312


 135.9183, 0.3741,
0.3805

 7.3063, 0.4623,
0.4452

 170.1852, 0.3697,
0.3770

 3.6544, 0.4998,
0.4706

209.7759, 0.3659,
0.3739

 1.4822, 0.5245,
0.4755

255.0746, 0.3626,

 0.2761, 0.6006,

0.3712

0.3994

306.4657, 0.3596,
0.3688

0.0000, 0.0000,
0.0000

44.3989, 0.4008,
0.4016

44.3989, 0.4008,
0.4016

40.9477, 0.4238,
0.4157

48.1575, 0.3787,
0.3860

37.7863, 0.4468,
0.4271

52.2273, 0.3581,
0.3699

34.9048, 0.4687,
0.4346

56.6203, 0.3393,
0.3538

32.2892, 0.4883,
0.4373

61.3454, 0.3223,
0.3382

29.9232, 0.5046,
0.4348

66.4113, 0.3072,
0.3235

■ 29.0818, 0.5103,
0.4330

■ 71.8264, 0.2937,
0.3098

■ 77.2746, 0.2847,
0.3021

■ 81.9484, 0.2851,
0.3109

■ 86.8408, 0.2856,
0.3196

Harmonies

Analogous

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



44.3989, 0.4151, 0.3659



44.3989, 0.4008, 0.4016



44.3989, 0.3628, 0.4212

Triad

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



44.3989, 0.4008, 0.4016



44.3989, 0.2324, 0.3232



44.3989, 0.3056, 0.2607

Complementary

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



44.3989, 0.4008, 0.4016



30.2818, 0.2359, 0.2422

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.



44.3989, 0.2593, 0.2480



44.3989, 0.4008, 0.4016



44.3989, 0.2199, 0.2793

Square

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



44.3989, 0.4008, 0.4016



44.3989, 0.2656, 0.3746



44.3989, 0.2294, 0.2536



44.3989, 0.3577, 0.2882

Rectangle

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



44.3989, 0.4008, 0.4016



44.3989, 0.3301, 0.4191



44.3989, 0.2294, 0.2536



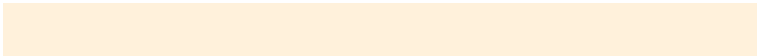
44.3989, 0.2888, 0.2546

Sweetspot

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



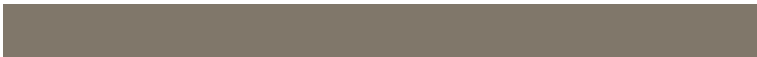
44.4010, 0.4008, 0.4016



89.3136, 0.3357, 0.3505



27.7638, 0.3857, 0.2809



18.7842, 0.3395, 0.3540



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.



44.4010, 0.4008, 0.4016



63.8396, 0.4224, 0.4149



59.6068, 0.3725, 0.4448



12.9881, 0.3276, 0.3431



17.9395, 0.5086, 0.4344



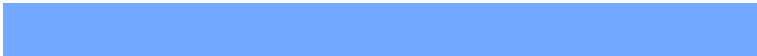
1.1551, 0.4879, 0.4508

Inverse Universe

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



30.2818, 0.2359, 0.2422



39.4722, 0.2201, 0.2205



20.6417, 0.2334, 0.1878



12.1661, 0.2982, 0.3145



6.7230, 0.1681, 0.1250



0.5286, 0.1784, 0.1621

Previews

White Background



This preview shows how the Yxy color 44.3989, 0.4008, 0.4016 looks on a white background.

Color Contrast Check

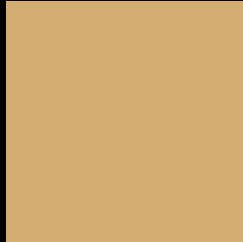
Large Text (above 18pt) WCAG AA × Fail

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 44.3989, 0.4008, 0.4016 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 44.3989, 0.4008, 0.4016

Background



This preview shows how black text looks on a background with the Yxy color 44.3989, 0.4008, 0.4016.



This preview shows how white text looks on a background with the Yxy color 44.3989, 0.4008, 0.4016.

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

44.3989, 0.4008, 0.4016

Protanopia

44.5479, 0.3805, 0.4108

Deuteranopia

44.3888, 0.4067, 0.3979



Tritanopia

44.3242, 0.3503, 0.3135

Trichromacy



Original Color

44.3989, 0.4008, 0.4016

Protanomaly

44.5449, 0.3881, 0.4079

Deuteranomaly

44.4642, 0.4042, 0.3996

Tritanomaly

44.2667, 0.3694, 0.3451

Monochromacy



Original Color

44.3989, 0.4008, 0.4016

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8119, 0.3433, 0.3569

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3989, 0.4008, 0.4016 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(210, 172, 113)` looks like.

```
.text, #text, p{  
    color:rgb(210, 172, 113)  
}
```

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(210, 172, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 172, 113) }
```

Border

The CSS property to change the border of an element to Yxy 44.3989, 0.4008, 0.4016 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(210, 172, 113) }
```

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

```
.border{ border-color:rgb(210, 172, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 172, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 172, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 172, 113);  
box-shadow:4px 4px 4px 4px rgb(210, 172,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3989, 0.4008, 0.4016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 172, 113) }
```

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

```
.background{ background-color: rgb(210,  
172, 113) }
```

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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