

Converting Colors

$Yxy(43.7077, 0.4003, 0.4022)$

Have a look what the booklet for
Yxy(43.7077, 0.4003, 0.4022)
contains.

Yxy(43.7056, 0.4003, 0.4022)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.7056, 0.4003, 0.4022)

Conversions

Conversions Part 1

Format	Color
Hex	D0AB70
RGB	208, 171, 112
RGB Percent	82%, 67%, 44%
CMY	0.1843, 0.3294, 0.5609
CMYK	0.00, 0.18, 0.46, 0.18
HSL	37°, 51%, 63%
HSV	37°, 46%, 82%
XYZ	43.4991, 43.7056, 21.4616
YIQ	175.3370, 40.9910, -10.5050

Conversions

Conversions Part 2

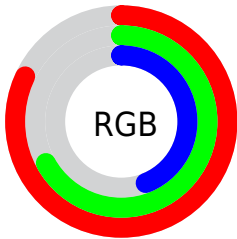
Format	Color
RYB	172, 208, 112
Decimal	13675376
CIELab	72.03, 5.87, 35.38
CIELCh	72, 35.868, 80.579
Yxy	43.7056, 0.4003, 0.4022
Android (android.graphics.Color)	4291865456 (0xFFD0AB70)
YUV	175.3370, -31.2251, 28.6455
Hunter-Lab	66.1102, 1.7564, 27.0296

Details

The Yxy color **43.7056, 0.4003, 0.4022** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.4794, 0.2358, 0.2414**, and the grayscale version is **43.2023, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.3693, 0.3755, 0.3911**, and **20.2279, 0.4241, 0.4197** is the 20% darker color. If you saturate the color by 10%, you get **40.3606, 0.4230, 0.4164**, and if you desaturate by 10%, it is **47.3453, 0.3784, 0.3865**.

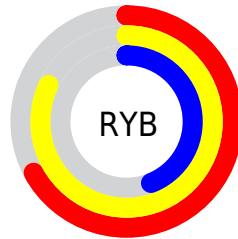
Distribution



Red (82%)

Green (67%)

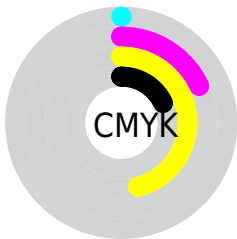
Blue (44%)



Red (67%)

Yellow (82%)

Blue (44%)

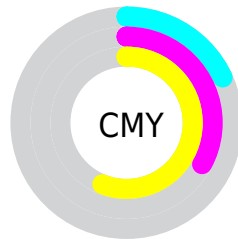


Cyan (0%)

Magenta (18%)

Yellow (46%)

Black (18%)



Cyan (18%)


Magenta (33%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7056, 0.4003, 0.4022 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 43.7056, 0.4003, 0.4022 by changing the saturation by 10% instead.


 43.7056, 0.4003,
0.4022


 43.7056, 0.4003,
0.4022


361.5056, 0.3567,
0.3668

 30.4391, 0.4108,
0.4103


 80.7746, 0.3847,
0.3898


 20.1721, 0.4239,
0.4203


 105.3458, 0.3787,
0.3850

 12.5202, 0.4405,
0.4323


 134.4542, 0.3736,
0.3808

 7.0990, 0.4618,
0.4468

 168.4840, 0.3693,
0.3773

 3.5241, 0.5011,
0.4744

207.8196, 0.3655,
0.3741

 1.4111, 0.5229,
0.4771

252.8455, 0.3622,

 0.2249, 0.6136,

0.3714

0.3864

303.9460, 0.3593,
0.3690

0.0000, 0.0000,
0.0000

43.7056, 0.4003,
0.4022

43.7056, 0.4003,
0.4022

40.3606, 0.4230,
0.4164

47.3453, 0.3784,
0.3865

37.2934, 0.4458,
0.4279

51.2834, 0.3579,
0.3702

34.4942, 0.4674,
0.4357

55.5312, 0.3392,
0.3539

31.9500, 0.4867,
0.4386

60.0974, 0.3223,
0.3383

29.6447, 0.5027,
0.4362

64.9904, 0.3071,
0.3234

■ 28.8159, 0.5084,
0.4345

■ 70.2181, 0.2937,
0.3096

■ 75.6217, 0.2833,
0.2994

■ 80.1101, 0.2838,
0.3080

■ 84.8053, 0.2842,
0.3165

Harmonies

Analogous

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



43.7056, 0.4152, 0.3667



43.7056, 0.4003, 0.4022



43.7056, 0.3619, 0.4214

Triad

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



43.7056, 0.4003, 0.4022



43.7056, 0.2320, 0.3223



43.7056, 0.3066, 0.2611

Complementary

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



43.7056, 0.4003, 0.4022



29.4794, 0.2358, 0.2414

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.



43.7056, 0.2600, 0.2480



43.7056, 0.4003, 0.4022



43.7056, 0.2199, 0.2786

Square

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



43.7056, 0.4003, 0.4022



43.7056, 0.2648, 0.3737



43.7056, 0.2297, 0.2532



43.7056, 0.3587, 0.2888

Rectangle

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



43.7056, 0.4003, 0.4022



43.7056, 0.3291, 0.4189



43.7056, 0.2297, 0.2532



43.7056, 0.2897, 0.2549

Sweetspot

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



43.7077, 0.4003, 0.4022



89.4473, 0.3356, 0.3507



27.2051, 0.3856, 0.2809



18.8169, 0.3395, 0.3542



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.



43.7077, 0.4003, 0.4022



64.2519, 0.4218, 0.4157



58.3428, 0.3725, 0.4446



13.0008, 0.3275, 0.3433



18.1511, 0.5068, 0.4358



1.1661, 0.4866, 0.4518

Inverse Universe

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



29.4794, 0.2358, 0.2414



39.1416, 0.2198, 0.2193



20.2408, 0.2336, 0.1880



12.1537, 0.2982, 0.3143



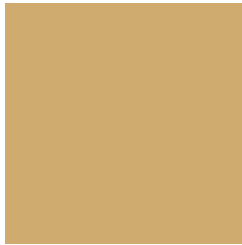
6.6000, 0.1676, 0.1232



0.5210, 0.1779, 0.1604

Previews

White Background



This preview shows how the Yxy color 43.7056, 0.4003, 0.4022 looks on a white background.

Color Contrast Check

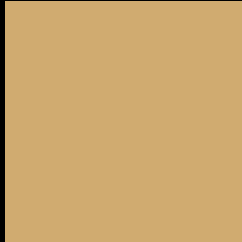
Large Text (above 18pt) WCAG AA × Fail

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 43.7056, 0.4003, 0.4022 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

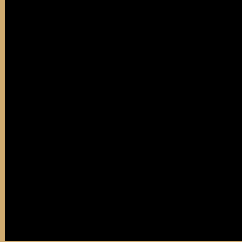
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.7056, 0.4003, 0.4022

Background



This preview shows how black text looks on a background with the Yxy color 43.7056, 0.4003, 0.4022.



This preview shows how white text looks on a background with the Yxy color 43.7056, 0.4003, 0.4022.

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

43.7056, 0.4003, 0.4022

Protanopia

43.8657, 0.3798, 0.4114

Deuteranopia

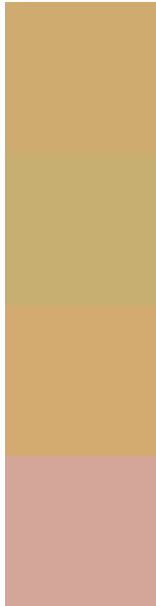
43.6919, 0.4063, 0.3984



Tritanopia

43.6251, 0.3496, 0.3134

Trichromacy



Original Color

43.7056, 0.4003, 0.4022

Protanomaly

43.8580, 0.3875, 0.4085

Deuteranomaly

43.7682, 0.4038, 0.4001

Tritanomaly

43.5694, 0.3688, 0.3452

Monochromacy



Original Color

43.7056, 0.4003, 0.4022

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1039, 0.3434, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7056, 0.4003, 0.4022 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(208, 171, 112)` looks like.

```
.text, #text, p{  
    color:rgb(208, 171, 112)  
}
```

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(208, 171, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 171, 112) }
```

Border

The CSS property to change the border of an element to Yxy 43.7056, 0.4003, 0.4022 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(208, 171, 112) }
```

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

```
.border{ border-color:rgb(208, 171, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 171, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 171, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 171, 112);  
box-shadow:4px 4px 4px 4px rgb(208, 171,  
112) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7056, 0.4003, 0.4022 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 171, 112) }
```

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

```
.background{ background-color: rgb(208,  
171, 112) }
```

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