

Converting Colors

$Yxy(44.2443, 0.3882, 0.4041)$

Have a look what the booklet for
Yxy(44.2443, 0.3882, 0.4041)
contains.

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Color

Yxy(44.3384, 0.3879, 0.4040)

Conversions

Conversions Part 1

Format	Color
Hex	C9AF74
RGB	201, 175, 116
RGB Percent	79%, 69%, 45%
CMY	0.2117, 0.3137, 0.5451
CMYK	0.00, 0.13, 0.42, 0.21
HSL	42°, 44%, 62%
HSV	42°, 42%, 79%
XYZ	42.5714, 44.3384, 22.8387
YIQ	176.0480, 34.4350, -12.8370

Conversions

Conversions Part 2

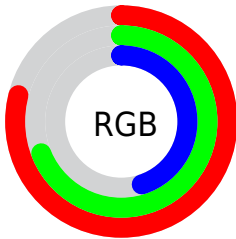
Format	Color
RYB	153, 201, 116
Decimal	13217652
CIELab	72.45, 1.29, 33.68
CIELCh	72, 33.700, 87.807
Yxy	44.3384, 0.3879, 0.4040
Android (android.graphics.Color)	4291407732 (0xFFC9AF74)
YUV	176.0480, -29.6037, 21.8829
Hunter-Lab	66.5871, -2.4061, 26.2751

Details

The Yxy color **44.3384, 0.3879, 0.4040** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.2801, 0.2410, 0.2398**, and the grayscale version is **43.5879, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.7182, 0.3714, 0.3909**, and **20.5909, 0.4068, 0.4236** is the 20% darker color. If you saturate the color by 10%, you get **41.5825, 0.4081, 0.4205**, and if you desaturate by 10%, it is **47.3087, 0.3682, 0.3862**.

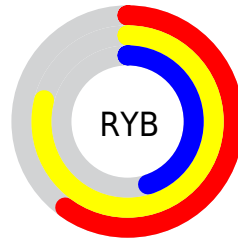
Distribution



Red (79%)

Green (69%)

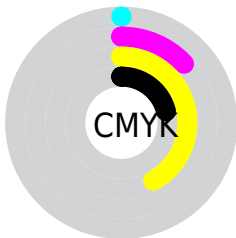
Blue (45%)



Red (60%)

Yellow (79%)

Blue (45%)

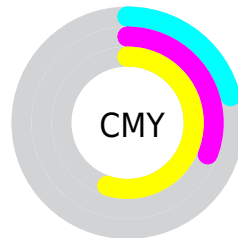


Cyan (0%)

Magenta (13%)

Yellow (42%)

Black (21%)



Cyan (21%)

Magenta (31%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3384, 0.3879, 0.4040 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 44.3384, 0.3879, 0.4040 by changing the saturation by 10% instead.


 44.3384, 0.3879,
0.4040

 44.3384, 0.3879,
0.4040


364.0874, 0.3506,
0.3671

 30.9366, 0.3968,
0.4128


 81.7267, 0.3746,
0.3909

 20.5506, 0.4080,
0.4236


 106.4820, 0.3695,
0.3858

 12.7959, 0.4221,
0.4373


 135.7907, 0.3652,
0.3815

 7.2882, 0.4401,
0.4546


170.0370, 0.3615,
0.3778

 3.6430, 0.4701,
0.4832

209.6055, 0.3582,
0.3746

 1.4759, 0.4951,
0.5049

254.8804, 0.3554,

 0.2717, 0.5161,

0.3718

0.4839

306.2463, 0.3529,
0.3693

0.0000, 0.0000,
0.0000

44.3384, 0.3879,
0.4040

44.3384, 0.3879,
0.4040

41.5825, 0.4081,
0.4205

47.3087, 0.3682,
0.3862

39.0267, 0.4281,
0.4348

50.4946, 0.3494,
0.3680

36.6643, 0.4470,
0.4456

53.9050, 0.3320,
0.3501

34.4854, 0.4637,
0.4520

57.5465, 0.3161,
0.3328

32.4782, 0.4775,
0.4536

61.4252, 0.3018,
0.3165

■ 31.0323, 0.4864,
0.4520

■ 65.5471, 0.2888,
0.3013

■ 69.8069, 0.2783,
0.2890

■ 73.0568, 0.2788,
0.2958

■ 76.4263, 0.2792,
0.3026

Harmonies

Analogous

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



44.3384, 0.4077, 0.3737



44.3384, 0.3879, 0.4040



44.3384, 0.3483, 0.4158

Triad

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



44.3384, 0.3879, 0.4040



44.3384, 0.2322, 0.3119



44.3384, 0.3189, 0.2702

Complementary

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



44.3384, 0.3879, 0.4040



27.2801, 0.2410, 0.2398

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.



44.3384, 0.2728, 0.2542



44.3384, 0.3879, 0.4040



44.3384, 0.2257, 0.2745

Square

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



44.3384, 0.3879, 0.4040



44.3384, 0.2589, 0.3595



44.3384, 0.2399, 0.2550



44.3384, 0.3666, 0.2992

Rectangle

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



44.3384, 0.3879, 0.4040



44.3384, 0.3169, 0.4085



44.3384, 0.2399, 0.2550



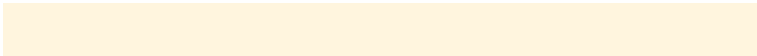
44.3384, 0.3026, 0.2632

Sweetspot

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



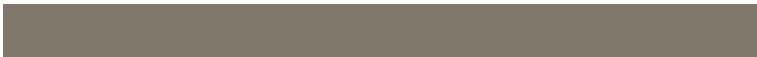
44.3405, 0.3879, 0.4040



91.7449, 0.3335, 0.3517



26.8915, 0.3858, 0.2940



19.3519, 0.3373, 0.3557



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.



44.3405, 0.3879, 0.4040



71.4487, 0.4070, 0.4196



53.4049, 0.3617, 0.4375



11.8481, 0.3273, 0.3450



19.6785, 0.4852, 0.4529



1.0555, 0.4683, 0.4663

Inverse Universe

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



27.2801, 0.2410, 0.2398



38.3918, 0.2239, 0.2154



21.5821, 0.2479, 0.2039



10.8079, 0.2983, 0.3125



4.9267, 0.1619, 0.1027



0.3631, 0.1739, 0.1459

Previews

White Background



This preview shows how the Yxy color 44.3384, 0.3879, 0.4040 looks on a white background.

Color Contrast Check

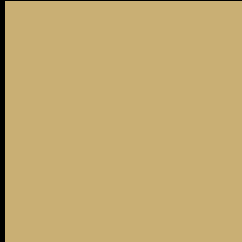
Large Text (above 18pt) WCAG AA × Fail

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 44.3384, 0.3879, 0.4040 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 44.3384, 0.3879, 0.4040

Background



This preview shows how black text looks on a background with the Yxy color 44.3384, 0.3879, 0.4040.



This preview shows how white text looks on a background with the Yxy color 44.3384, 0.3879, 0.4040.

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

44.3384, 0.3879, 0.4040

Protanopia

44.4626, 0.3779, 0.4085

Deuteranopia

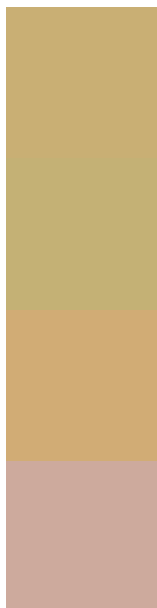
44.3299, 0.4023, 0.3935



Tritanopia

44.3426, 0.3394, 0.3131

Trichromacy



Original Color

44.3384, 0.3879, 0.4040

Protanomaly

44.4644, 0.3812, 0.4065

Deuteranomaly

44.3447, 0.3964, 0.3971

Tritanomaly

44.1629, 0.3571, 0.3455

Monochromacy



Original Color

44.3384, 0.3879, 0.4040

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6980, 0.3394, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3384, 0.3879, 0.4040 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(201, 175, 116)` looks like.

```
.text, #text, p{  
    color:rgb(201, 175, 116)  
}
```

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(201, 175, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 175, 116) }
```

Border

The CSS property to change the border of an element to Yxy 44.3384, 0.3879, 0.4040 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(201, 175, 116) }
```

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

```
.border{ border-color:rgb(201, 175, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 175, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 175, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 175, 116);  
box-shadow:4px 4px 4px 4px rgb(201, 175,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3384, 0.3879, 0.4040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 175, 116) }
```

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

```
.background{ background-color: rgb(201,  
175, 116) }
```

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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