

Converting Colors

$Yxy(44.3945, 0.3801, 0.3944)$

Have a look what the booklet for
Yxy(44.3945, 0.3801, 0.3944)
contains.

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Color

Yxy(44.3945, 0.3801, 0.3944)

Conversions

Conversions Part 1

Format	Color
Hex	C8AF7C
RGB	200, 175, 124
RGB Percent	78%, 69%, 49%
CMY	0.2157, 0.3137, 0.5137
CMYK	0.00, 0.12, 0.38, 0.22
HSL	40°, 41%, 64%
HSV	40°, 38%, 78%
XYZ	42.7849, 44.3945, 25.3828
YIQ	176.6610, 31.2710, -10.5610

Conversions

Conversions Part 2

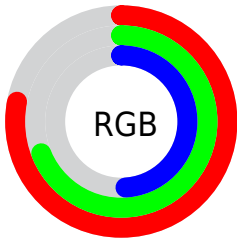
Format	Color
R_{YB}	161, 200, 124
Decimal	13152124
CIE _{Lab}	72.49, 1.77, 29.48
CIE _{LCh}	72, 29.534, 86.570
Yxy	44.3945, 0.3801, 0.3944
Android (android.graphics.Color)	4291342204 (0xFFC8AF7C)
YUV	176.6610, -25.9619, 20.4683
Hunter-Lab	66.6292, -1.9802, 24.0536

Details

The Yxy color **44.3945, 0.3801, 0.3944** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.9429, 0.2492, 0.2531**, and the grayscale version is **43.9061, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0280, 0.3660, 0.3828**, and **20.6801, 0.3992, 0.4128** is the 20% darker color. If you saturate the color by 10%, you get **41.4436, 0.4007, 0.4111**, and if you desaturate by 10%, it is **47.5767, 0.3604, 0.3769**.

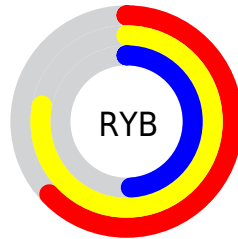
Distribution



Red (78%)

Green (69%)

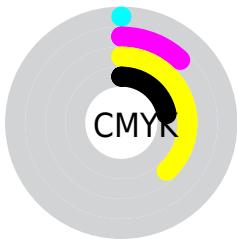
Blue (49%)



Red (63%)

Yellow (78%)

Blue (49%)

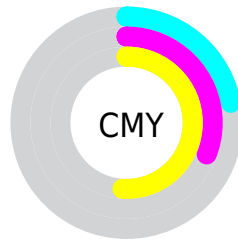


Cyan (0%)

Magenta (12%)

Yellow (38%)

Black (22%)



Cyan (22%)


Magenta (31%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3945, 0.3801, 0.3944 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 44.3945, 0.3801, 0.3944 by changing the saturation by 10% instead.

 44.3945, 0.3801,
0.3944


 44.3945, 0.3801,
0.3944


364.3157, 0.3465,
0.3621


 30.9808, 0.3883,
0.4022


 81.8110, 0.3680,
0.3828

 20.5842, 0.3986,
0.4119


 106.5826, 0.3634,
0.3784

 12.8204, 0.4119,
0.4244


 135.9090, 0.3595,
0.3747

 7.3050, 0.4294,
0.4405

170.1745, 0.3562,
0.3714

 3.6536, 0.4544,
0.4632

209.7635, 0.3533,
0.3686

 1.4817, 0.4980,
0.5020

255.0604, 0.3507,

 0.2758, 0.5254,

0.3662

0.4746

306.4497, 0.3485,
0.3640

0.0000, 0.0000,
0.0000

44.3945, 0.3801,
0.3944

44.3945, 0.3801,
0.3944

41.4436, 0.4007,
0.4111

47.5767, 0.3604,
0.3769

38.7098, 0.4216,
0.4260

50.9915, 0.3420,
0.3593

36.1866, 0.4420,
0.4380

54.6480, 0.3251,
0.3421

33.8641, 0.4607,
0.4461

58.5526, 0.3098,
0.3258

31.7315, 0.4768,
0.4493

62.7117, 0.2961,
0.3105

■ 29.7729, 0.4900,
0.4477

■ 67.1313, 0.2838,
0.2963

■ 29.3967, 0.4925,
0.4472

■ 71.2243, 0.2779,
0.2922

■ 74.7645, 0.2784,
0.2995

■ 78.4422, 0.2789,
0.3067

Harmonies

Analogous

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



44.3945, 0.3962, 0.3678



44.3945, 0.3801, 0.3944



44.3945, 0.3461, 0.4048

Triad

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



44.3945, 0.3801, 0.3944



44.3945, 0.2423, 0.3161



44.3945, 0.3166, 0.2760

Complementary

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



44.3945, 0.3801, 0.3944



29.9429, 0.2492, 0.2531

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.



44.3945, 0.2763, 0.2624



44.3945, 0.3801, 0.3944



44.3945, 0.2356, 0.2825

Square

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



44.3945, 0.3801, 0.3944



44.3945, 0.2669, 0.3574



44.3945, 0.2475, 0.2641



44.3945, 0.3584, 0.3016

Rectangle

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



44.3945, 0.3801, 0.3944



44.3945, 0.3185, 0.3987



44.3945, 0.2475, 0.2641



44.3945, 0.3024, 0.2700

Sweetspot

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



44.3966, 0.3801, 0.3944



92.5809, 0.3302, 0.3475



28.8738, 0.3738, 0.2959



19.6283, 0.3325, 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.



44.3966, 0.3801, 0.3944



72.4249, 0.3979, 0.4090



53.3633, 0.3582, 0.4261



11.8067, 0.3273, 0.3445



18.8636, 0.4912, 0.4482



1.0215, 0.4727, 0.4629

Inverse Universe

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



29.9429, 0.2492, 0.2531



43.7496, 0.2337, 0.2320



23.8754, 0.2546, 0.2180



10.8475, 0.2983, 0.3131



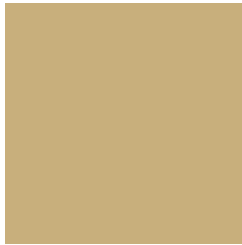
5.2570, 0.1634, 0.1083



0.3821, 0.1755, 0.1516

Previews

White Background



This preview shows how the Yxy color 44.3945, 0.3801, 0.3944 looks on a white background.

Color Contrast Check

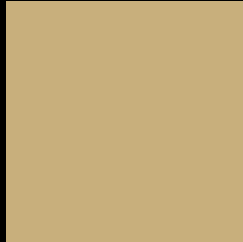
Large Text (above 18pt) WCAG AA × Fail

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 44.3945, 0.3801, 0.3944 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

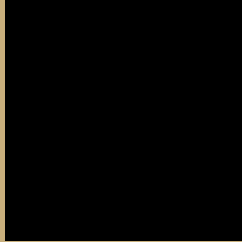
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3945, 0.3801, 0.3944

Background



This preview shows how black text looks on a background with the Yxy color 44.3945, 0.3801, 0.3944.



This preview shows how white text looks on a background with the Yxy color 44.3945, 0.3801, 0.3944.

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

44.3945, 0.3801, 0.3944

Protanopia

44.5279, 0.3703, 0.3986

Deuteranopia

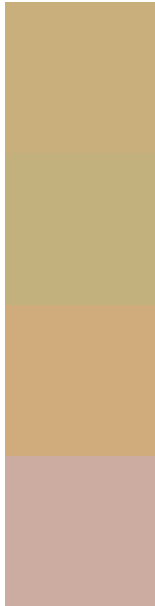
44.2272, 0.3933, 0.3846



Tritanopia

44.4633, 0.3365, 0.3130

Trichromacy



Original Color

44.3945, 0.3801, 0.3944

Protanomaly

44.5271, 0.3736, 0.3967

Deuteranomaly

44.3956, 0.3884, 0.3878

Tritanomaly

44.5013, 0.3531, 0.3430

Monochromacy



Original Color

44.3945, 0.3801, 0.3944

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.8336, 0.3359, 0.3531

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3945, 0.3801, 0.3944 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(200, 175, 124)` looks like.

```
.text, #text, p{  
    color:rgb(200, 175, 124)  
}
```

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(200, 175, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 175, 124) }
```

Border

The CSS property to change the border of an element to Yxy 44.3945, 0.3801, 0.3944 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(200, 175, 124) }
```

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

```
.border{ border-color:rgb(200, 175, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 175, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 175, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 175, 124);  
box-shadow:4px 4px 4px 4px rgb(200, 175,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3945, 0.3801, 0.3944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 175, 124) }
```

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

```
.background{ background-color: rgb(200,  
175, 124) }
```

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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