

Converting Colors

$Yxy(44.2262, 0.3929, 0.3712)$

Have a look what the booklet for
Yxy(44.2262, 0.3929, 0.3712)
contains.

Yxy(44.0826, 0.3922, 0.3705)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(44.0826, 0.3922, 0.3705)

Conversions

Conversions Part 1

Format	Color
Hex	D9A785
RGB	217, 167, 133
RGB Percent	85%, 65%, 52%
CMY	0.1491, 0.3451, 0.4785
CMYK	0.00, 0.23, 0.39, 0.15
HSL	24°, 52%, 69%
HSV	24°, 39%, 85%
XYZ	46.6645, 44.0826, 28.2343
YIQ	178.0740, 40.7140, 0.0260

Conversions

Conversions Part 2

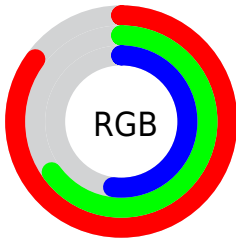
Format	Color
R _Y B	217, 190, 133
Decimal	14264197
CIE Lab	72.28, 13.91, 24.68
CIE LCh	72, 28.328, 60.587
Yxy	44.0826, 0.3922, 0.3705
Android (android.graphics.Color)	4292454277 (0xFFD9A785)
YUV	178.0740, -22.2215, 34.1381
Hunter-Lab	66.3947, 9.2652, 21.2633

Details

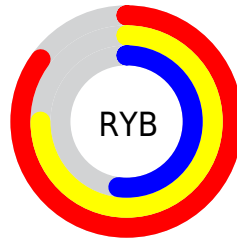
The Yxy color **44.0826, 0.3922, 0.3705** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **43.8473, 0.2524, 0.2829**, and the grayscale version is **44.6660, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.0477, 0.3620, 0.3659**, and **20.3596, 0.4148, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **39.0487, 0.4202, 0.3809**, and if you desaturate by 10%, it is **49.7168, 0.3673, 0.3594**.

Distribution



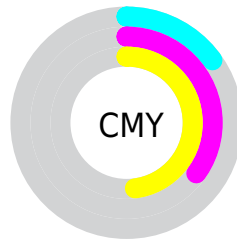
- Red (85%)
- Green (65%)
- Blue (52%)



- Red (85%)
- Yellow (75%)
- Blue (52%)



- Cyan (0%)
- Magenta (23%)
- Yellow (39%)
- Black (15%)





- Cyan (15%)
- Magenta (35%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0826, 0.3922, 0.3705 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 44.0826, 0.3922, 0.3705 by changing the saturation by 10% instead.

 44.0826, 0.3922,
0.3705


 44.0826, 0.3922,
0.3705

363.0452, 0.3519,
0.3509

 30.7355, 0.4023,
0.3749


 81.3420, 0.3775,
0.3637

 20.3975, 0.4152,
0.3803


 106.0231, 0.3720,
0.3610

 12.6843, 0.4322,
0.3869


 135.2509, 0.3674,
0.3587

 7.2115, 0.4556,
0.3947

169.4099, 0.3634,
0.3567

 3.5947, 0.4888,
0.4034

208.8844, 0.3599,
0.3550

 1.4496, 0.5679,
0.4321

254.0589, 0.3569,

 0.2528, 0.6964,

0.3535

0.3036

305.3177, 0.3543,
0.3521

0.0000, 0.0000,
0.0000

44.0826, 0.3922,
0.3705

44.0826, 0.3922,
0.3705

39.0487, 0.4202,
0.3809

49.7168, 0.3673,
0.3594

34.5874, 0.4507,
0.3898

55.9653, 0.3456,
0.3484

30.6779, 0.4828,
0.3959

62.8493, 0.3269,
0.3378

27.2951, 0.5144,
0.3979

70.3871, 0.3108,
0.3278

24.4117, 0.5431,
0.3949

78.5963, 0.2970,
0.3185

■ 21.9930, 0.5671,
0.3868

■ 86.9555, 0.2896,
0.3181

■ 21.7114, 0.5700,
0.3856

■ 93.4901, 0.2900,
0.3289

Harmonies

Analogous

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



44.0826, 0.3878, 0.3386



44.0826, 0.3922, 0.3705



44.0826, 0.3740, 0.3944

Triad

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



44.0826, 0.3922, 0.3705



44.0826, 0.2646, 0.3510



44.0826, 0.2824, 0.2657

Complementary

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



44.0826, 0.3922, 0.3705



43.8473, 0.2524, 0.2829

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.



44.0826, 0.2527, 0.2653



44.0826, 0.3922, 0.3705



44.0826, 0.2429, 0.3118

Square

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



44.0826, 0.3922, 0.3705



44.0826, 0.2996, 0.3855



44.0826, 0.2388, 0.2810



44.0826, 0.3221, 0.2807

Rectangle

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



44.0826, 0.3922, 0.3705



44.0826, 0.3524, 0.4015



44.0826, 0.2388, 0.2810



44.0826, 0.2710, 0.2639

Sweetspot

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



44.0847, 0.3922, 0.3705



87.1128, 0.3329, 0.3413



34.9566, 0.3509, 0.2691



18.3633, 0.3354, 0.3427



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.



44.0847, 0.3922, 0.3705



57.8726, 0.4135, 0.3786



61.8428, 0.3738, 0.4162



13.9131, 0.3281, 0.3385



13.3395, 0.5674, 0.3876



1.0306, 0.5379, 0.4111

Inverse Universe

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



43.8473, 0.2524, 0.2829



57.4607, 0.2409, 0.2718



29.1588, 0.2434, 0.2234



13.8988, 0.2982, 0.3193



12.7663, 0.1865, 0.1912



0.9946, 0.1933, 0.2160

Previews

White Background



This preview shows how the Yxy color 44.0826, 0.3922, 0.3705 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 44.0826, 0.3922, 0.3705 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

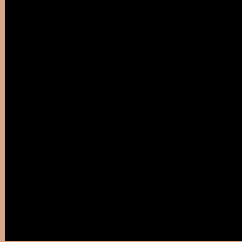
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0826, 0.3922, 0.3705

Background



This preview shows how black text looks on a background with the Yxy color 44.0826, 0.3922, 0.3705.



This preview shows how white text looks on a background with the Yxy color 44.0826, 0.3922, 0.3705.

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

44.0826, 0.3922, 0.3705

Protanopia

44.0981, 0.3567, 0.3809

Deuteranopia

43.9707, 0.3840, 0.3766



Tritanopia

43.9179, 0.3586, 0.3137

Trichromacy



Original Color

44.0826, 0.3922, 0.3705

Protanomaly

43.8068, 0.3694, 0.3769

Deuteranomaly

44.0389, 0.3874, 0.3749

Tritanomaly

43.9132, 0.3717, 0.3340

Monochromacy



Original Color

44.0826, 0.3922, 0.3705

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.0872, 0.3393, 0.3447

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0826, 0.3922, 0.3705 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(217, 167, 133)` looks like.

```
.text, #text, p{  
    color:rgb(217, 167, 133)  
}
```

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(217, 167, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 167, 133) }
```

Border

The CSS property to change the border of an element to Yxy 44.0826, 0.3922, 0.3705 is called "border". The border property can be set on classes, ids or directly on the HTML element.

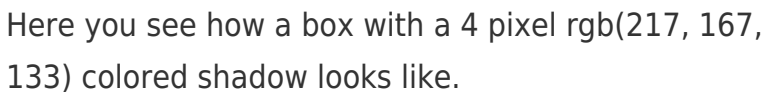
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 167, 133) }
```

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

```
.border{ border-color:rgb(217, 167, 133) }
```

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



Here you see how a box with a 4 pixel `rgb(217, 167, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 167, 133); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 167, 133); box-shadow:4px 4px 4px 4px rgb(217, 167, 133) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0826, 0.3922, 0.3705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 167, 133) }
```

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

```
.background{ background-color: rgb(217,  
167, 133) }
```

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