

Converting Colors

$Y_{xy}(44.7154, 0.3958, 0.3944)$

Have a look what the booklet for
Yxy(44.7154, 0.3958, 0.3944)
contains.

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Color

Yxy(44.6858, 0.3966, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	D3AC77
RGB	211, 172, 119
RGB Percent	83%, 67%, 47%
CMY	0.1725, 0.3255, 0.5335
CMYK	0.00, 0.18, 0.44, 0.17
HSL	35°, 51%, 65%
HSV	35°, 44%, 83%
XYZ	44.9465, 44.6858, 23.6972
YIQ	177.6190, 40.2570, -8.2150

Conversions

Conversions Part 2

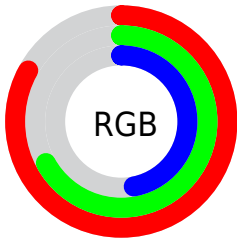
Format	Color
RYB	187, 211, 119
Decimal	13872247
CIELab	72.68, 7.28, 32.60
CIELCh	73, 33.405, 77.408
Yxy	44.6858, 0.3966, 0.3943
Android (android.graphics.Color)	4292062327 (0xFFD3AC77)
YUV	177.6190, -28.8992, 29.2751
Hunter-Lab	66.8474, 3.0357, 25.7751

Details

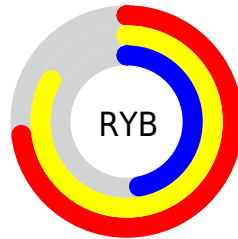
The Yxy color **44.6858, 0.3966, 0.3943** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.0663, 0.2411, 0.2524**, and the grayscale version is **44.4485, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.1767, 0.3704, 0.3850**, and **20.8437, 0.4194, 0.4097** is the 20% darker color. If you saturate the color by 10%, you get **40.9460, 0.4204, 0.4081**, and if you desaturate by 10%, it is **48.7714, 0.3742, 0.3792**.

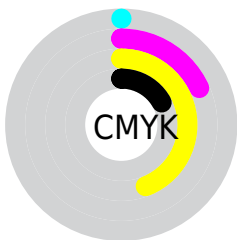
Distribution



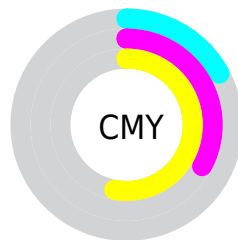
- Red (83%)
- Green (67%)
- Blue (47%)



- Red (73%)
- Yellow (83%)
- Blue (47%)



- Cyan (0%)
- Magenta (18%)
- Yellow (44%)
- Black (17%)





- Cyan (17%)
- Magenta (33%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6858, 0.3966, 0.3943 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 44.6858, 0.3966, 0.3943 by changing the saturation by 10% instead.


 44.6858, 0.3966,
0.3943


 44.6858, 0.3966,
0.3943


365.4995, 0.3547,
0.3628

 31.2100, 0.4068,
0.4015


 82.2487, 0.3815,
0.3833

 20.7588, 0.4196,
0.4104


 107.1046, 0.3758,
0.3790

 12.9478, 0.4360,
0.4212


 136.5227, 0.3710,
0.3753

 7.3926, 0.4574,
0.4344

170.8874, 0.3668,
0.3722

 3.7088, 0.4904,
0.4539

210.5830, 0.3632,
0.3694

 1.5121, 0.5302,
0.4698

255.9940, 0.3600,

 0.2972, 0.6076,

0.3669

0.3924

307.5047, 0.3572,
0.3648

0.0000, 0.0000,
0.0000

44.6858, 0.3966,
0.3943

44.6858, 0.3966,
0.3943

40.9460, 0.4204,
0.4081

48.7714, 0.3742,
0.3792

37.5337, 0.4447,
0.4197

53.2076, 0.3535,
0.3638

34.4380, 0.4685,
0.4277


58.0071, 0.3349,
0.3486


31.6442, 0.4904,
0.4310


63.1799, 0.3183,
0.3341

29.1356, 0.5091,
0.4291

68.7354, 0.3035,
0.3204

 27.6693, 0.5196,
0.4256

 74.6828, 0.2906,
0.3076

 80.2561, 0.2855,
0.3076

 85.4941, 0.2860,
0.3170

 90.9929, 0.2865,
0.3263

Harmonies

Analogous

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



44.6858, 0.4073, 0.3607



44.6858, 0.3966, 0.3943



44.6858, 0.3631, 0.4136

Triad

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



44.6858, 0.3966, 0.3943



44.6858, 0.2401, 0.3280



44.6858, 0.3022, 0.2637

Complementary

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



44.6858, 0.3966, 0.3943



33.0663, 0.2411, 0.2524

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.



44.6858, 0.2601, 0.2533



44.6858, 0.3966, 0.3943



44.6858, 0.2265, 0.2861

Square

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



44.6858, 0.3966, 0.3943



44.6858, 0.2727, 0.3748



44.6858, 0.2335, 0.2603



44.6858, 0.3505, 0.2884

Rectangle

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



44.6858, 0.3966, 0.3943



44.6858, 0.3332, 0.4129



44.6858, 0.2335, 0.2603



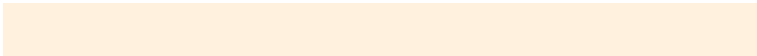
44.6858, 0.2868, 0.2584

Sweetspot

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



44.6879, 0.3966, 0.3943



89.4082, 0.3340, 0.3479



29.5334, 0.3761, 0.2797



18.7734, 0.3380, 0.3512



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.



44.6879, 0.3966, 0.3943



63.4342, 0.4178, 0.4068



60.8853, 0.3721, 0.4377



12.9232, 0.3276, 0.3424



16.9037, 0.5177, 0.4272



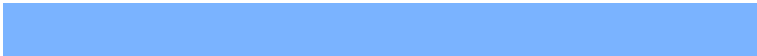
1.1006, 0.4949, 0.4453

Inverse Universe

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



33.0663, 0.2411, 0.2524



43.4632, 0.2262, 0.2332



22.2563, 0.2361, 0.1959



12.2294, 0.2982, 0.3152



7.3855, 0.1707, 0.1346



0.5686, 0.1808, 0.1709

Previews

White Background



This preview shows how the Yxy color 44.6858, 0.3966, 0.3943 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 44.6858, 0.3966, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

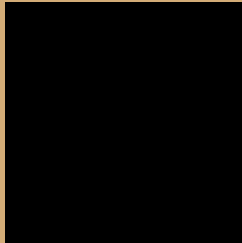
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6858, 0.3966, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 44.6858, 0.3966, 0.3943.



This preview shows how white text looks on a background with the Yxy color 44.6858, 0.3966, 0.3943.

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

44.6858, 0.3966, 0.3943

Protanopia

44.5834, 0.3737, 0.4022

Deuteranopia

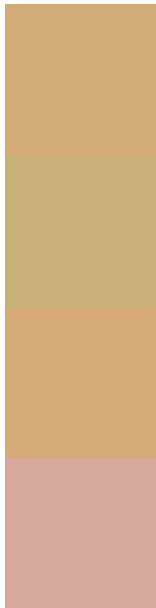
44.7539, 0.4000, 0.3924



Tritanopia

44.8363, 0.3510, 0.3147

Trichromacy



Original Color

44.6858, 0.3966, 0.3943

Protanomaly

44.7105, 0.3822, 0.3993

Deuteranomaly

44.6039, 0.3990, 0.3926

Tritanomaly

44.8526, 0.3681, 0.3438

Monochromacy



Original Color

44.6858, 0.3966, 0.3943

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.4321, 0.3414, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6858, 0.3966, 0.3943 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(211, 172, 119)` looks like.

```
.text, #text, p{  
    color:rgb(211, 172, 119)  
}
```

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(211, 172, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 172, 119) }
```

Border

The CSS property to change the border of an element to Yxy 44.6858, 0.3966, 0.3943 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(211, 172, 119) }
```

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

```
.border{ border-color:rgb(211, 172, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 172, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 172, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 172, 119);  
box-shadow:4px 4px 4px 4px rgb(211, 172,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6858, 0.3966, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 172, 119) }
```

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

```
.background{ background-color: rgb(211,  
172, 119) }
```

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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