

Converting Colors

$Y_{xy}(45.4099, 0.4018, 0.3792)$

Have a look what the booklet for
Yxy(45.4099, 0.4018, 0.3792)
contains.

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Color

Yxy(45.4378, 0.4016, 0.3790)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | DEA97F |
| RGB | 222, 169, 127 |
| RGB Percent | 87%, 66%, 50% |
| CMY | 0.1293, 0.3373, 0.5020 |
| CMYK | 0.00, 0.24, 0.43, 0.13 |
| HSL | 27°, 59%, 68% |
| HSV | 27°, 43%, 87% |
| XYZ | 48.1473, 45.4378, 26.3036 |
| YIQ | 180.0590, 45.0700, -1.8260 |

Conversions

Conversions Part 2

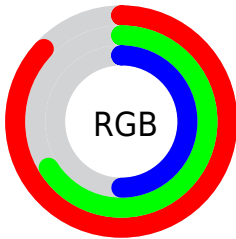
| Format | Color |
|-------------------------------------|---|
| RYB | 222, 202, 127 |
| Decimal | 14592383 |
| CIELab | 73.18, 14.19, 29.20 |
| CIELCh | 73, 32.460, 64.086 |
| Yxy | 45.4378, 0.4016, 0.3790 |
| Android (android.graphics.Color) | 4292782463 (0xFFDEA97F) |
| YUV | 180.0590, -26.1581, 36.7823 |
| Hunter-Lab | 67.4076, 9.5342, 24.0493 |

Details

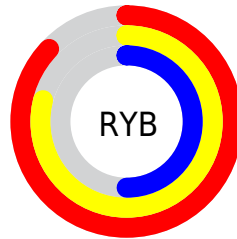
The Yxy color **45.4378, 0.4016, 0.3790** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.4306, 0.2453, 0.2720**, and the grayscale version is **45.8011, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8666, 0.3657, 0.3740**, and **21.2577, 0.4270, 0.3909** is the 20% darker color. If you saturate the color by 10%, you get **40.5309, 0.4296, 0.3898**, and if you desaturate by 10%, it is **50.9133, 0.3762, 0.3671**.

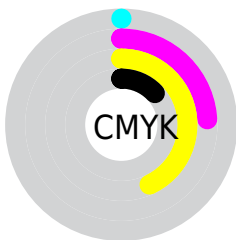
Distribution



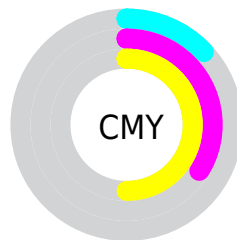
- Red (87%)
- Green (66%)
- Blue (50%)



- Red (87%)
- Yellow (79%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (43%)
- Black (13%)





- Cyan (13%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 45.4378, 0.4016, 0.3790 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 45.4378, 0.4016, 0.3790 by changing the saturation by 10% instead.


 45.4378, 0.4016,
0.3790


 45.4378, 0.4016,
0.3790


368.5438, 0.3570,
0.3556


 31.8024, 0.4126,
0.3842


 83.3770, 0.3854,
0.3710

 21.2106, 0.4265,
0.3904


 108.4496, 0.3793,
0.3678

 13.2780, 0.4447,
0.3978


 138.1033, 0.3742,
0.3651

 7.6203, 0.4690,
0.4063

172.7227, 0.3697,
0.3627

 3.8530, 0.5032,
0.4156

212.6920, 0.3659,
0.3606

 1.5917, 0.5670,
0.4330

258.3957, 0.3625,

 0.3520, 0.6592,

0.3587

0.3408

310.2182, 0.3596,
0.3571

0.0000, 0.0000,
0.0000

45.4378, 0.4016,
0.3790

45.4378, 0.4016,
0.3790

40.5309, 0.4296,
0.3898

50.9133, 0.3762,
0.3671

36.1655, 0.4594,
0.3986

56.9701, 0.3537,
0.3551

32.3216, 0.4898,
0.4040

63.6287, 0.3341,
0.3432

28.9752, 0.5187,
0.4047

70.9064, 0.3171,
0.3320

26.0990, 0.5439,
0.4000

78.8199, 0.3024,
0.3215

■ 24.2976, 0.5595,
0.3939

■ 87.0459, 0.2926,
0.3171

■ 94.2734, 0.2929,
0.3289

Harmonies

Analogous

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



45.4378, 0.4000, 0.3436



45.4378, 0.4016, 0.3790



45.4378, 0.3780, 0.4050

Triad

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



45.4378, 0.4016, 0.3790



45.4378, 0.2545, 0.3486



45.4378, 0.2831, 0.2592

Complementary

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



45.4378, 0.4016, 0.3790



42.4306, 0.2453, 0.2720

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.



45.4378, 0.2482, 0.2564



45.4378, 0.4016, 0.3790



45.4378, 0.2326, 0.3042

Square

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



45.4378, 0.4016, 0.3790



45.4378, 0.2924, 0.3900



45.4378, 0.2305, 0.2715



45.4378, 0.3286, 0.2776

Rectangle

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



45.4378, 0.4016, 0.3790



45.4378, 0.3523, 0.4118



45.4378, 0.2305, 0.2715



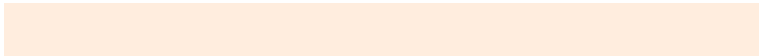
45.4378, 0.2698, 0.2564

Sweetspot

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



45.4400, 0.4016, 0.3790



86.8081, 0.3346, 0.3436



34.0362, 0.3601, 0.2662



18.1323, 0.3388, 0.3462



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.



45.4400, 0.4016, 0.3790



56.3771, 0.4255, 0.3884



66.0172, 0.3790, 0.4282



14.6928, 0.3281, 0.3394



14.6425, 0.5570, 0.3959



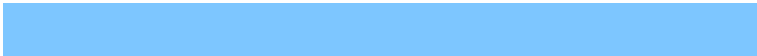
1.1912, 0.5306, 0.4169

Inverse Universe

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



42.4306, 0.2453, 0.2720



51.7393, 0.2324, 0.2581



26.6471, 0.2342, 0.2055



14.5053, 0.2981, 0.3184



11.8989, 0.1828, 0.1781



1.0024, 0.1899, 0.2034

Previews

White Background



This preview shows how the Yxy color 45.4378, 0.4016, 0.3790 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 45.4378, 0.4016, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

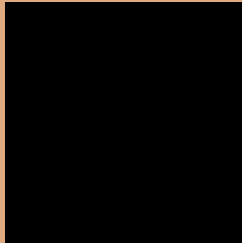
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 45.4378, 0.4016, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 45.4378, 0.4016, 0.3790.

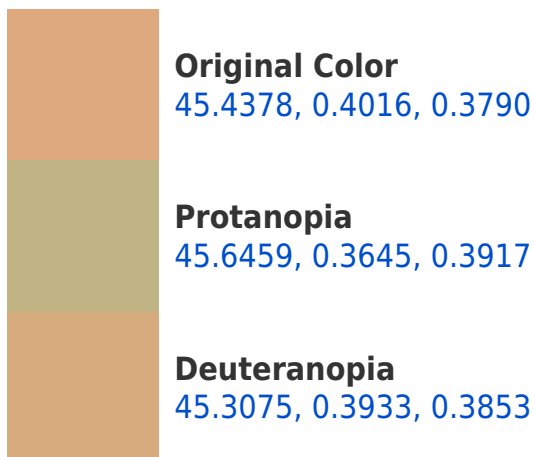


This preview shows how white text looks on a background with the Yxy color 45.4378, 0.4016, 0.3790.

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





Tritanopia

45.6204, 0.3628, 0.3152

Trichromacy



Original Color

45.4378, 0.4016, 0.3790

Protanomaly

45.4997, 0.3783, 0.3872

Deuteranomaly

45.3839, 0.3966, 0.3835

Tritanomaly

45.3864, 0.3768, 0.3374

Monochromacy



Original Color

45.4378, 0.4016, 0.3790

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

45.2260, 0.3426, 0.3484

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.4378, 0.4016, 0.3790 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(222, 169, 127)` looks like.

```
.text, #text, p{  
    color:rgb(222, 169, 127)  
}
```

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(222, 169, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 169, 127) }
```

Border

The CSS property to change the border of an element to Yxy 45.4378, 0.4016, 0.3790 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(222, 169, 127) }
```

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

```
.border{ border-color:rgb(222, 169, 127) }
```

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

Here you see how a box with a 4 pixel rgb(222, 169, 127) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 169, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 169, 127);  
box-shadow:4px 4px 4px 4px rgb(222, 169,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 45.4378, 0.4016, 0.3790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 169, 127) }
```

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

```
.background{ background-color: rgb(222,  
169, 127) }
```

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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