

Converting Colors

$Yxy(43.5357, 0.4086, 0.3793)$

Have a look what the booklet for
Yxy(43.5357, 0.4086, 0.3793)
contains.

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Color

Yxy(43.4857, 0.4089, 0.3790)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | DEA47A |
| RGB | 222, 164, 122 |
| RGB Percent | 87%, 64%, 48% |
| CMY | 0.1294, 0.3569, 0.5215 |
| CMYK | 0.00, 0.26, 0.45, 0.13 |
| HSL | 25°, 60%, 67% |
| HSV | 25°, 45%, 87% |
| XYZ | 46.9164, 43.4857, 24.3359 |
| YIQ | 176.5540, 48.0500, -0.7660 |

Conversions

Conversions Part 2

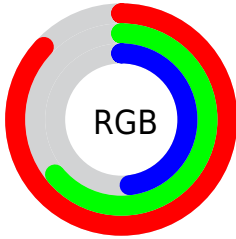
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 222, 194, 122 |
| Decimal | 14591098 |
| CIE Lab | 71.88, 16.35, 30.15 |
| CIE LCh | 72, 34.295, 61.536 |
| Yxy | 43.4857, 0.4089, 0.3790 |
| Android (android.graphics.Color) | 4292781178 (0xFFDEA47A) |
| YUV | 176.5540, -26.8951, 39.8561 |
| Hunter-Lab | 65.9437, 11.5943, 24.2801 |

Details

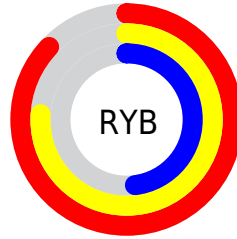
The Yxy color **43.4857, 0.4089, 0.3790** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **42.0661, 0.2424, 0.2716**, and the grayscale version is **43.8469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0182, 0.3707, 0.3743**, and **20.0687, 0.4365, 0.3891** is the 20% darker color. If you saturate the color by 10%, you get **38.6199, 0.4381, 0.3889**, and if you desaturate by 10%, it is **48.9484, 0.3824, 0.3679**.

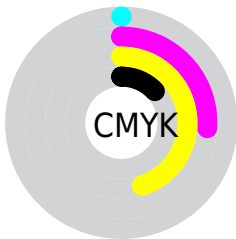
Distribution



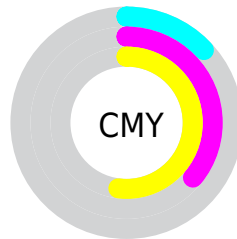
- Red (87%)
- Green (64%)
- Blue (48%)



- Red (87%)
- Yellow (76%)
- Blue (48%)



- Cyan (0%)
- Magenta (26%)
- Yellow (45%)
- Black (13%)





- Cyan (13%)
- Magenta (36%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.4857, 0.4089, 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 43.4857, 0.4089, 0.3790 by changing the saturation by 10% instead.


 43.4857, 0.4089,
0.3790

 43.4857, 0.4089,
0.3790


360.6054, 0.3602,
0.3558


 30.2664, 0.4210,
0.3840


 80.4433, 0.3912,
0.3711

 20.0409, 0.4363,
0.3900


 104.9504, 0.3846,
0.3679

 12.4248, 0.4563,
0.3968


 133.9888, 0.3789,
0.3652

 7.0337, 0.4830,
0.4043

167.9430, 0.3741,
0.3629

 3.4832, 0.5234,
0.4136

207.1974, 0.3700,
0.3608

 1.3889, 0.5822,
0.4178

252.1363, 0.3663,

 0.2085, 0.7412,

0.3589

0.2588

303.1442, 0.3631,
0.3573

0.0000, 0.0000,
0.0000

43.4857, 0.4089,
0.3790

43.4857, 0.4089,
0.3790

38.6199, 0.4381,
0.3889

48.9484, 0.3824,
0.3679

34.3220, 0.4692,
0.3965

55.0226, 0.3589,
0.3563

30.5701, 0.5006,
0.4005

61.7305, 0.3384,
0.3450


27.3373, 0.5299,
0.3996

69.0910, 0.3207,
0.3342


24.5938, 0.5550,
0.3933

77.1221, 0.3055,
0.3241

 23.3987, 0.5660,
0.3888

 85.8270, 0.2925,
0.3149

 93.7355, 0.2929,
0.3281

 94.2719, 0.2929,
0.3289

Harmonies

Analogous

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



43.4857, 0.4049, 0.3408



43.4857, 0.4089, 0.3790



43.4857, 0.3855, 0.4085

Triad

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



43.4857, 0.4089, 0.3790



43.4857, 0.2532, 0.3541



43.4857, 0.2771, 0.2538

Complementary

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



43.4857, 0.4089, 0.3790



42.0661, 0.2424, 0.2716

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.



43.4857, 0.2415, 0.2522



43.4857, 0.4089, 0.3790



43.4857, 0.2284, 0.3058

Square

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



43.4857, 0.4089, 0.3790



43.4857, 0.2948, 0.3977



43.4857, 0.2245, 0.2696



43.4857, 0.3253, 0.2720

Rectangle

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



43.4857, 0.4089, 0.3790



43.4857, 0.3587, 0.4176



43.4857, 0.2245, 0.2696



43.4857, 0.2634, 0.2513

Sweetspot

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



43.4878, 0.4089, 0.3790



85.4008, 0.3366, 0.3440



32.7629, 0.3617, 0.2612



17.8320, 0.3408, 0.3464



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.



43.4878, 0.4089, 0.3790



53.2564, 0.4362, 0.3884



64.8692, 0.3831, 0.4314



14.6415, 0.3282, 0.3389



14.1052, 0.5634, 0.3908



1.1519, 0.5360, 0.4126

Inverse Universe

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



42.0661, 0.2424, 0.2716



51.0390, 0.2288, 0.2571



25.4699, 0.2299, 0.2002



14.5575, 0.2981, 0.3189



12.6500, 0.1850, 0.1858



1.0527, 0.1917, 0.2101

Previews

White Background



This preview shows how the Yxy color 43.4857, 0.4089, 0.3790 looks on a white background.

Color Contrast Check

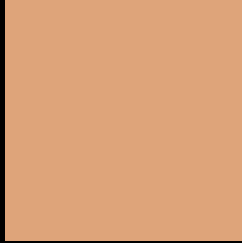
Large Text (above 18pt) WCAG AA × Fail

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 43.4857, 0.4089, 0.3790 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

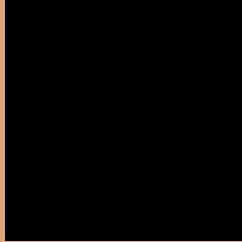
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4857, 0.4089, 0.3790

Background



This preview shows how black text looks on a background with the Yxy color 43.4857, 0.4089, 0.3790.



This preview shows how white text looks on a background with the Yxy color 43.4857, 0.4089, 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



Original Color

43.4857, 0.4089, 0.3790

Protanopia

43.5301, 0.3675, 0.3941

Deuteranopia

43.6053, 0.3964, 0.3884



Tritanopia

43.5248, 0.3681, 0.3151

Trichromacy



Original Color

43.4857, 0.4089, 0.3790

Protanomaly

43.5423, 0.3826, 0.3891

Deuteranomaly

43.4650, 0.4014, 0.3852

Tritanomaly

43.4491, 0.3835, 0.3375

Monochromacy



Original Color

43.4857, 0.4089, 0.3790

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.2768, 0.3451, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4857, 0.4089, 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, 164, 122)` looks like.

```
.text, #text, p{  
    color:rgb(222, 164, 122)  
}
```

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, 164, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 164, 122) }
```

Border

The CSS property to change the border of an element to Yxy 43.4857, 0.4089, 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, 164, 122) }
```

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

```
.border{ border-color:rgb(222, 164, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 164, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(222, 164, 122); -webkit-box-shadow:4px 4px 4px 4px rgb(222, 164, 122); box-shadow:4px 4px 4px 4px rgb(222, 164, 122) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4857, 0.4089, 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, 164, 122) }
```

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

```
.background{ background-color: rgb(222,  
164, 122) }
```

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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