

Converting Colors

$Yxy(44.4860, 0.4129, 0.3891)$

Have a look what the booklet for
Yxy(44.4860, 0.4129, 0.3891)
contains.

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Color

Yxy(44.4280, 0.4126, 0.3892)

Conversions

Conversions Part 1

Format	Color
Hex	DEA774
RGB	222, 167, 116
RGB Percent	87%, 65%, 45%
CMY	0.1294, 0.3451, 0.5450
CMYK	0.00, 0.25, 0.48, 0.13
HSL	29°, 62%, 66%
HSV	29°, 48%, 87%
XYZ	47.0992, 44.4280, 22.6249
YIQ	177.6310, 49.1510, -4.2010

Conversions

Conversions Part 2

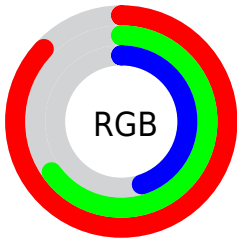
Format	Color
RYB	222, 214, 116
Decimal	14591860
CIELab	72.51, 14.14, 34.15
CIELCh	73, 36.962, 67.506
Yxy	44.4280, 0.4126, 0.3892
Android (android.graphics.Color)	4292781940 (0xFFDEA774)
YUV	177.6310, -30.3841, 38.9116
Hunter-Lab	66.6543, 9.4863, 26.5328

Details

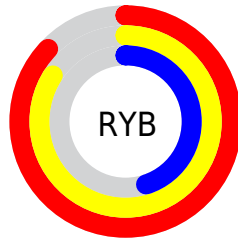
The Yxy color **44.4280, 0.4126, 0.3892** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.1314, 0.2367, 0.2581**, and the grayscale version is **44.4624, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3671, 0.3740, 0.3833**, and **20.5592, 0.4393, 0.4023** is the 20% darker color. If you saturate the color by 10%, you get **39.9376, 0.4402, 0.4001**, and if you desaturate by 10%, it is **49.4224, 0.3869, 0.3768**.

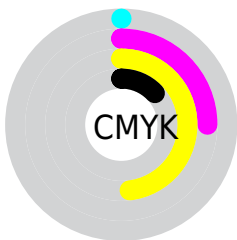
Distribution



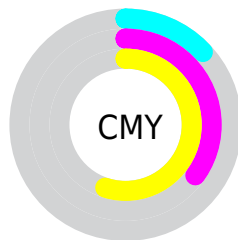
- Red (87%)
- Green (65%)
- Blue (45%)



- Red (87%)
- Yellow (84%)
- Blue (45%)



- Cyan (0%)
- Magenta (25%)
- Yellow (48%)
- Black (13%)





- Cyan (13%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.4280, 0.4126, 0.3892 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 44.4280, 0.4126, 0.3892 by changing the saturation by 10% instead.

 44.4280, 0.4126,
0.3892

 44.4280, 0.4126,
0.3892


364.4520, 0.3625,
0.3611


 31.0071, 0.4248,
0.3953


 81.8614, 0.3946,
0.3796

 20.6043, 0.4401,
0.4024


 106.6427, 0.3877,
0.3758

 12.8351, 0.4598,
0.4107


 135.9796, 0.3819,
0.3726

 7.3151, 0.4855,
0.4198

170.2565, 0.3769,
0.3697

 3.6599, 0.5272,
0.4341

209.8578, 0.3726,
0.3672

 1.4852, 0.5685,
0.4315

255.1679, 0.3688,

 0.2783, 0.6866,

0.3649

0.3134

306.5711, 0.3655,
0.3629

0.0000, 0.0000,
0.0000

44.4280, 0.4126,
0.3892

44.4280, 0.4126,
0.3892

39.9376, 0.4402,
0.4001

49.4224, 0.3869,
0.3768

35.9261, 0.4687,
0.4082

54.9319, 0.3637,
0.3637

32.3753, 0.4967,
0.4123


60.9751, 0.3431,
0.3507


29.2627, 0.5221,
0.4112

67.5676, 0.3251,
0.3382


26.5607, 0.5435,
0.4048

74.7241, 0.3093,
0.3264

 25.9989, 0.5481,
0.4030

 82.4591, 0.2957,
0.3154

 89.6817, 0.2927,
0.3215

 94.2713, 0.2929,
0.3289

Harmonies

Analogous

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



44.4280, 0.4148, 0.3495



44.4280, 0.4126, 0.3892



44.4280, 0.3824, 0.4180

Triad

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



44.4280, 0.4126, 0.3892



44.4280, 0.2423, 0.3451



44.4280, 0.2841, 0.2517

Complementary

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



44.4280, 0.4126, 0.3892



38.1314, 0.2367, 0.2581

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.



44.4280, 0.2429, 0.2461



44.4280, 0.4126, 0.3892



44.4280, 0.2204, 0.2947

Square

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



44.4280, 0.4126, 0.3892



44.4280, 0.2835, 0.3951



44.4280, 0.2208, 0.2601



44.4280, 0.3368, 0.2740

Rectangle

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



44.4280, 0.4126, 0.3892



44.4280, 0.3517, 0.4245



44.4280, 0.2208, 0.2601



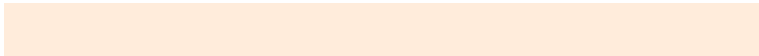
44.4280, 0.2685, 0.2478

Sweetspot

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



44.4301, 0.4126, 0.3892



86.6517, 0.3363, 0.3461



31.0290, 0.3722, 0.2632



18.1358, 0.3404, 0.3489



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.



44.4301, 0.4126, 0.3892



54.8404, 0.4394, 0.3998



67.1841, 0.3845, 0.4418



14.7828, 0.3280, 0.3403



15.6614, 0.5458, 0.4049



1.2642, 0.5212, 0.4244

Inverse Universe

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



38.1314, 0.2367, 0.2581



45.2513, 0.2221, 0.2404



22.3178, 0.2229, 0.1839



14.4144, 0.2981, 0.3174



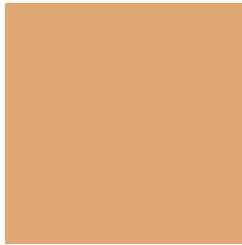
10.6715, 0.1791, 0.1648



0.9188, 0.1866, 0.1919

Previews

White Background



This preview shows how the Yxy color 44.4280, 0.4126, 0.3892 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 44.4280, 0.4126, 0.3892 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 44.4280, 0.4126, 0.3892

Background



This preview shows how black text looks on a background with the Yxy color 44.4280, 0.4126, 0.3892.



This preview shows how white text looks on a background with the Yxy color 44.4280, 0.4126, 0.3892.

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

44.4280, 0.4126, 0.3892

Protanopia

44.5343, 0.3754, 0.4048

Deuteranopia

44.2834, 0.4041, 0.3959



Tritanopia

44.4511, 0.3666, 0.3152

Trichromacy



Original Color

44.4280, 0.4126, 0.3892

Protanomaly

44.4414, 0.3888, 0.3984

Deuteranomaly

44.3655, 0.4075, 0.3939

Tritanomaly

44.4689, 0.3834, 0.3422

Monochromacy



Original Color

44.4280, 0.4126, 0.3892

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.1080, 0.3474, 0.3539

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.4280, 0.4126, 0.3892 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, 167, 116)` looks like.

```
.text, #text, p{  
    color:rgb(222, 167, 116)  
}
```

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, 167, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 167, 116) }
```

Border

The CSS property to change the border of an element to Yxy 44.4280, 0.4126, 0.3892 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, 167, 116) }
```

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

```
.border{ border-color:rgb(222, 167, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 167, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 167, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 167, 116);  
box-shadow:4px 4px 4px 4px rgb(222, 167,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 44.4280, 0.4126, 0.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 167, 116) }
```

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

```
.background{ background-color: rgb(222,  
167, 116) }
```

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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