

Converting Colors

$Yxy(43.8664, 0.4497, 0.4375)$

Have a look what the booklet for
Yxy(43.8664, 0.4497, 0.4375)
contains.

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Color

Yxy(43.9282, 0.4498, 0.4380)

Conversions

Conversions Part 1

Format	Color
Hex	DEA842
RGB	222, 168, 66
RGB Percent	87%, 66%, 26%
CMY	0.1294, 0.3412, 0.7412
CMYK	0.00, 0.24, 0.70, 0.13
HSL	39°, 70%, 56%
HSV	39°, 70%, 87%
XYZ	45.1117, 43.9282, 11.2528
YIQ	172.5180, 64.9260, -20.2740

Conversions

Conversions Part 2

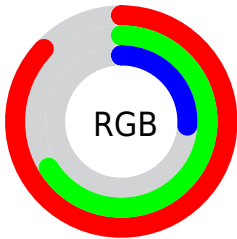
Format	Color
R_{YB}	149, 222, 66
Decimal	14592066
CIE _{Lab}	72.18, 9.93, 58.18
CIE _{LCh}	72, 59.021, 80.312
Yxy	43.9282, 0.4498, 0.4380
Android (android.graphics.Color)	4292782146 (0xFFDEA842)
YUV	172.5180, -52.5134, 43.3957
Hunter-Lab	66.2784, 5.5070, 36.3285

Details

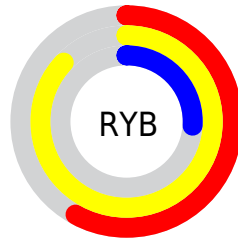
The Yxy color **43.9282, 0.4498, 0.4380** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **19.8626, 0.1946, 0.1746**, and the grayscale version is **41.7791, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3673, 0.4064, 0.4317**, and **20.2817, 0.4801, 0.4559** is the 20% darker color. If you saturate the color by 10%, you get **40.9633, 0.4688, 0.4445**, and if you desaturate by 10%, it is **47.1667, 0.4290, 0.4272**.

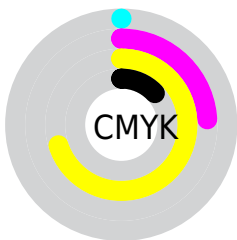
Distribution



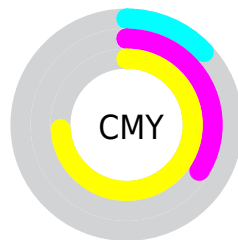
- Red (87%)
- Green (66%)
- Blue (26%)



- Red (58%)
- Yellow (87%)
- Blue (26%)



- Cyan (0%)
- Magenta (24%)
- Yellow (70%)
- Black (13%)




- Cyan (13%)
- Magenta (34%)
- Yellow (74%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9282, 0.4498, 0.4380 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 43.9282, 0.4498, 0.4380 by changing the saturation by 10% instead.


 43.9282, 0.4498,
0.4380


 43.9282, 0.4498,
0.4380


362.4152, 0.3847,
0.3894


 30.6141, 0.4636,
0.4470


 81.1097, 0.4277,
0.4224


 20.3051, 0.4794,
0.4565


 105.7458, 0.4189,
0.4159

 12.6171, 0.4970,
0.4654


 134.9248, 0.4112,
0.4102

 7.1654, 0.5223,
0.4777

 169.0309, 0.4046,
0.4050

 3.5657, 0.5312,
0.4688

 208.4486, 0.3987,
0.4005

 1.4337, 0.5461,
0.4539

253.5623, 0.3935,

 0.2414, 0.6616,

0.3964

0.3384

304.7564, 0.3888,
0.3927

0.0000, 0.0000,
0.0000

43.9282, 0.4498,
0.4380

43.9282, 0.4498,
0.4380

40.9633, 0.4688,
0.4445

47.1667, 0.4290,
0.4272

38.2500, 0.4850,
0.4459

50.6856, 0.4074,
0.4132

35.8316, 0.4978,
0.4429

54.4991, 0.3860,
0.3971

58.6179, 0.3655,
0.3800

63.0523, 0.3464,
0.3626

■ 67.8118, 0.3289,
0.3457

■ 72.9053, 0.3131,
0.3294

■ 78.3414, 0.2990,
0.3142

■ 83.4135, 0.2924,
0.3107

Harmonies

Analogous

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



43.9282, 0.4785, 0.3791



43.9282, 0.4498, 0.4380



43.9282, 0.3861, 0.4796

Triad

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



43.9282, 0.4498, 0.4380



43.9282, 0.1862, 0.3141



43.9282, 0.2997, 0.2247

Complementary

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



43.9282, 0.4498, 0.4380



19.8626, 0.1946, 0.1746

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.



43.9282, 0.2282, 0.2051



43.9282, 0.4498, 0.4380



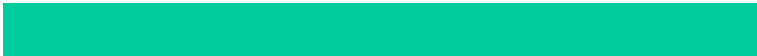
43.9282, 0.1703, 0.2451

Square

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



43.9282, 0.4498, 0.4380



43.9282, 0.2341, 0.4054



43.9282, 0.1846, 0.2103



43.9282, 0.3861, 0.2650

Rectangle

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



43.9282, 0.4498, 0.4380



43.9282, 0.3339, 0.4827



43.9282, 0.1846, 0.2103



43.9282, 0.2732, 0.2157

Sweetspot

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



43.9304, 0.4498, 0.4380



85.7570, 0.3481, 0.3642



20.7960, 0.4647, 0.2722



17.9869, 0.3533, 0.3690



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.



43.9304, 0.4498, 0.4380



54.4088, 0.4763, 0.4458



64.7278, 0.3881, 0.4969



15.1891, 0.3276, 0.3443



21.4967, 0.4964, 0.4441



1.6552, 0.4815, 0.4559

Inverse Universe

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



19.8626, 0.1946, 0.1746



19.9355, 0.1764, 0.1402



11.3122, 0.1912, 0.1121



14.0152, 0.2981, 0.3132



6.4597, 0.1644, 0.1119



0.6109, 0.1730, 0.1429

Previews

White Background



This preview shows how the Yxy color 43.9282, 0.4498, 0.4380 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 43.9282, 0.4498, 0.4380 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 43.9282, 0.4498, 0.4380

Background



This preview shows how black text looks on a background with the Yxy color 43.9282, 0.4498, 0.4380.



This preview shows how white text looks on a background with the Yxy color 43.9282, 0.4498, 0.4380.

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

43.9282, 0.4498, 0.4380

Protanopia

44.2762, 0.4170, 0.4583

Deuteranopia

43.7708, 0.4489, 0.4385



Tritanopia

43.6365, 0.3723, 0.3153

Trichromacy



Original Color

43.9282, 0.4498, 0.4380

Protanomaly

43.9549, 0.4294, 0.4503

Deuteranomaly

43.7708, 0.4489, 0.4385

Tritanomaly

43.3244, 0.4048, 0.3633

Monochromacy



Original Color

43.9282, 0.4498, 0.4380

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

41.9234, 0.3642, 0.3784

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9282, 0.4498, 0.4380 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, 168, 66)` looks like.

```
.text, #text, p{  
    color:rgb(222, 168, 66)  
}
```

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, 168, 66) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 168, 66) }
```

Border

The CSS property to change the border of an element to Yxy 43.9282, 0.4498, 0.4380 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, 168, 66) }
```

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

```
.border{ border-color:rgb(222, 168, 66) }
```

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

Here you see how a box with a 4 pixel rgb(222, 168, 66) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 168, 66); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 168, 66);  
box-shadow:4px 4px 4px 4px rgb(222, 168,  
66) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9282, 0.4498, 0.4380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 168, 66) }
```

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

```
.background{ background-color: rgb(222,  
168, 66) }
```

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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