

Converting Colors

$Y_{xy}(43.9653, 0.3900, 0.3786)$

Have a look what the booklet for
Yxy(43.9653, 0.3900, 0.3786)
contains.

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Color

Yxy(43.9580, 0.3901, 0.3785)

Conversions

Conversions Part 1

Format	Color
Hex	D4A981
RGB	212, 169, 129
RGB Percent	83%, 66%, 51%
CMY	0.1686, 0.3373, 0.4940
CMYK	0.00, 0.20, 0.39, 0.17
HSL	29°, 49%, 67%
HSV	29°, 39%, 83%
XYZ	45.3052, 43.9580, 26.8742
YIQ	177.2970, 38.4680, -3.3240

Conversions

Conversions Part 2

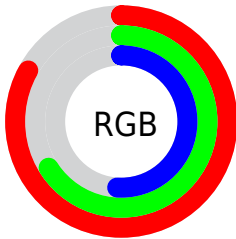
Format	Color
R _Y B	212, 206, 129
Decimal	13937025
CIE Lab	72.20, 10.40, 26.61
CIE LCh	72, 28.575, 68.651
Yxy	43.9580, 0.3901, 0.3785
Android (android.graphics.Color)	4292127105 (0xFFD4A981)
YUV	177.2970, -23.8104, 30.4345
Hunter-Lab	66.3008, 5.9475, 22.3781

Details

The Yxy color **43.9580, 0.3901, 0.3785** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **38.9417, 0.2504, 0.2731**, and the grayscale version is **44.2456, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9487, 0.3643, 0.3720**, and **20.3550, 0.4129, 0.3912** is the 20% darker color. If you saturate the color by 10%, you get **39.5352, 0.4159, 0.3908**, and if you desaturate by 10%, it is **48.8456, 0.3666, 0.3655**.

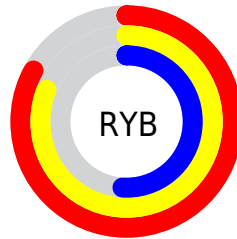
Distribution



Red (83%)

Green (66%)

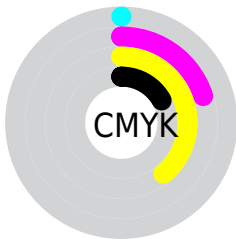
Blue (51%)



Red (83%)

Yellow (81%)

Blue (51%)

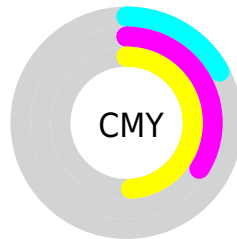


Cyan (0%)

Magenta (20%)

Yellow (39%)

Black (17%)



Cyan (17%)


Magenta (34%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.9580, 0.3901, 0.3785 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 43.9580, 0.3901, 0.3785 by changing the saturation by 10% instead.


 43.9580, 0.3901,
0.3785

 43.9580, 0.3901,
0.3785


362.5369, 0.3510,
0.3547


 30.6375, 0.3998,
0.3840


 81.1545, 0.3759,
0.3701

 20.3230, 0.4122,
0.3907


 105.7994, 0.3705,
0.3669

 12.6300, 0.4285,
0.3991


 134.9877, 0.3660,
0.3641

 7.1743, 0.4506,
0.4094

169.1041, 0.3622,
0.3617

 3.5713, 0.4818,
0.4218

208.5328, 0.3588,
0.3597

 1.4368, 0.5487,
0.4513

253.6582, 0.3559,

 0.2436, 0.6659,

0.3578

0.3341

304.8648, 0.3533,
0.3562

0.0000, 0.0000,
0.0000

43.9580, 0.3901,
0.3785

43.9580, 0.3901,
0.3785

39.5352, 0.4159,
0.3908

48.8456, 0.3666,
0.3655

35.5552, 0.4436,
0.4014

54.2064, 0.3458,
0.3525

32.0033, 0.4721,
0.4091

60.0567, 0.3274,
0.3399

28.8611, 0.4997,
0.4126

66.4097, 0.3114,
0.3280

26.1083, 0.5246,
0.4109

73.2781, 0.2975,
0.3169

■ 23.7170, 0.5457,
0.4042

■ 80.5948, 0.2862,
0.3080

■ 23.5263, 0.5475,
0.4035

■ 87.0800, 0.2867,
0.3195

■ 92.7385, 0.2872,
0.3289

Harmonies

Analogous

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



43.9580, 0.3921, 0.3476



43.9580, 0.3901, 0.3785



43.9580, 0.3665, 0.3990

Triad

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



43.9580, 0.3901, 0.3785



43.9580, 0.2566, 0.3404



43.9580, 0.2922, 0.2679

Complementary

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



43.9580, 0.3901, 0.3785



38.9417, 0.2504, 0.2731

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.



43.9580, 0.2588, 0.2633



43.9580, 0.3901, 0.3785



43.9580, 0.2394, 0.3020

Square

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



43.9580, 0.3901, 0.3785



43.9580, 0.2891, 0.3781



43.9580, 0.2402, 0.2747



43.9580, 0.3334, 0.2863

Rectangle

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



43.9580, 0.3901, 0.3785



43.9580, 0.3425, 0.4023



43.9580, 0.2402, 0.2747



43.9580, 0.2798, 0.2647

Sweetspot

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



43.9601, 0.3901, 0.3785



88.4788, 0.3326, 0.3436



32.7339, 0.3576, 0.2749



18.6842, 0.3350, 0.3453



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.



43.9601, 0.3901, 0.3785



61.1017, 0.4116, 0.3889



61.3047, 0.3721, 0.4226



13.3981, 0.3279, 0.3403



14.7210, 0.5452, 0.4053



1.0532, 0.5178, 0.4271

Inverse Universe

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



38.9417, 0.2504, 0.2731



52.4372, 0.2372, 0.2587



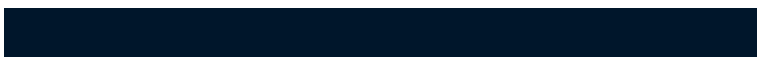
25.8692, 0.2415, 0.2142



13.0628, 0.2982, 0.3175



10.0046, 0.1791, 0.1649



0.7689, 0.1876, 0.1953

Previews

White Background



This preview shows how the Yxy color 43.9580, 0.3901, 0.3785 looks on a white background.

Color Contrast Check

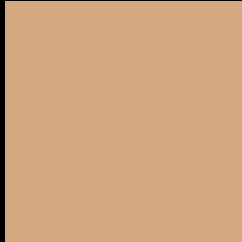
Large Text (above 18pt) WCAG AA × Fail

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 43.9580, 0.3901, 0.3785 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

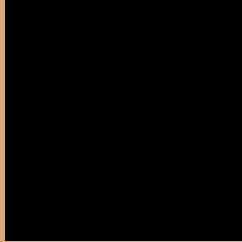
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.9580, 0.3901, 0.3785

Background



This preview shows how black text looks on a background with the Yxy color 43.9580, 0.3901, 0.3785.



This preview shows how white text looks on a background with the Yxy color 43.9580, 0.3901, 0.3785.

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

43.9580, 0.3901, 0.3785

Protanopia

44.0849, 0.3619, 0.3874

Deuteranopia

44.0361, 0.3877, 0.3801



Tritanopia

44.0412, 0.3534, 0.3147

Trichromacy



Original Color

43.9580, 0.3901, 0.3785

Protanomaly

43.9438, 0.3716, 0.3835

Deuteranomaly

44.1833, 0.3887, 0.3799

Tritanomaly

43.8260, 0.3672, 0.3377

Monochromacy



Original Color

43.9580, 0.3901, 0.3785

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.7573, 0.3392, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.9580, 0.3901, 0.3785 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(212, 169, 129)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 129)  
}
```

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(212, 169, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 129) }
```

Border

The CSS property to change the border of an element to Yxy 43.9580, 0.3901, 0.3785 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(212, 169, 129) }
```

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

```
.border{ border-color:rgb(212, 169, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(212, 169, 129); -webkit-box-shadow:4px 4px 4px 4px rgb(212, 169, 129); box-shadow:4px 4px 4px 4px rgb(212, 169, 129) }
```


Background

The CSS property to change the background color of an element to Yxy 43.9580, 0.3901, 0.3785 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 169, 129) }
```

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

```
.background{ background-color: rgb(212,  
169, 129) }
```

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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