

Converting Colors

$Y_{xy}(43.6501, 0.4078, 0.3905)$

Have a look what the booklet for
Yxy(43.6501, 0.4078, 0.3905)
contains.

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Color

Yxy(43.6501, 0.4078, 0.3905)

Conversions

Conversions Part 1

Format	Color
Hex	D9A774
RGB	217, 167, 116
RGB Percent	85%, 65%, 45%
CMY	0.1491, 0.3451, 0.5451
CMYK	0.00, 0.23, 0.47, 0.15
HSL	30°, 57%, 65%
HSV	30°, 47%, 85%
XYZ	45.5839, 43.6501, 22.5460
YIQ	176.1360, 46.1710, -5.2610

Conversions

Conversions Part 2

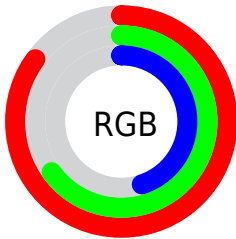
Format	Color
R _Y B	215, 217, 116
Decimal	14264180
CIE Lab	71.99, 12.09, 33.39
CIE LCh	72, 35.513, 70.094
Yxy	43.6501, 0.4078, 0.3905
Android (android.graphics.Color)	4292454260 (0xFFD9A774)
YUV	176.1360, -29.6470, 35.8377
Hunter-Lab	66.0682, 7.5370, 26.0148

Details

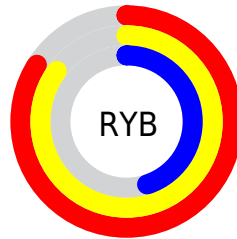
The Yxy color **43.6501, 0.4078, 0.3905** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **35.9877, 0.2380, 0.2567**, and the grayscale version is **43.6311, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3671, 0.3740, 0.3833**, and **20.1403, 0.4342, 0.4041** is the 20% darker color. If you saturate the color by 10%, you get **39.4318, 0.4343, 0.4022**, and if you desaturate by 10%, it is **48.3173, 0.3831, 0.3774**.

Distribution



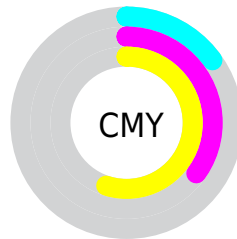
- Red (85%)
- Green (65%)
- Blue (45%)



- Red (84%)
- Yellow (85%)
- Blue (45%)



- Cyan (0%)
- Magenta (23%)
- Yellow (47%)
- Black (15%)





- Cyan (15%)
- Magenta (35%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.6501, 0.4078, 0.3905 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 43.6501, 0.4078, 0.3905 by changing the saturation by 10% instead.


 43.6501, 0.4078,
0.3905

 43.6501, 0.4078,
0.3905


361.2785, 0.3600,
0.3614


 30.3955, 0.4195,
0.3969


 80.6910, 0.3906,
0.3805

 20.1390, 0.4342,
0.4046


 105.2461, 0.3840,
0.3765

 12.4961, 0.4531,
0.4138


 134.3368, 0.3785,
0.3731

 7.0825, 0.4780,
0.4241

168.3475, 0.3737,
0.3702

 3.5138, 0.5191,
0.4411

207.6626, 0.3696,
0.3676

 1.4055, 0.5587,
0.4413

252.6666, 0.3660,

 0.2207, 0.6958,

0.3653

0.3042

303.7438, 0.3629,
0.3633

0.0000, 0.0000,
0.0000

43.6501, 0.4078,
0.3905

43.6501, 0.4078,
0.3905

39.4318, 0.4343,
0.4022

48.3173, 0.3831,
0.3774

35.6398, 0.4617,
0.4113

53.4423, 0.3606,
0.3637

32.2587, 0.4886,
0.4165


59.0415, 0.3406,
0.3501


29.2689, 0.5132,
0.4167

65.1282, 0.3230,
0.3371


26.6474, 0.5340,
0.4114


71.7156, 0.3076,
0.3248

 25.8158, 0.5407,
0.4088

 78.8159, 0.2942,
0.3134

 85.5825, 0.2895,
0.3158

 92.1703, 0.2899,
0.3268

 93.4899, 0.2900,
0.3289

Harmonies

Analogous

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



43.6501, 0.4124, 0.3525



43.6501, 0.4078, 0.3905



43.6501, 0.3768, 0.4166

Triad

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



43.6501, 0.4078, 0.3905



43.6501, 0.2419, 0.3402



43.6501, 0.2892, 0.2552

Complementary

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



43.6501, 0.4078, 0.3905



35.9877, 0.2380, 0.2567

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.



43.6501, 0.2479, 0.2484



43.6501, 0.4078, 0.3905



43.6501, 0.2224, 0.2924

Square

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



43.6501, 0.4078, 0.3905



43.6501, 0.2805, 0.3892



43.6501, 0.2246, 0.2604



43.6501, 0.3406, 0.2782

Rectangle

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



43.6501, 0.4078, 0.3905



43.6501, 0.3464, 0.4211



43.6501, 0.2246, 0.2604



43.6501, 0.2738, 0.2510

Sweetspot

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



43.6522, 0.4078, 0.3905



87.1511, 0.3362, 0.3469



30.0127, 0.3741, 0.2687



18.2572, 0.3402, 0.3498



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.



43.6522, 0.4078, 0.3905



56.8518, 0.4342, 0.4022



65.6306, 0.3812, 0.4422



14.1331, 0.3279, 0.3408



15.8413, 0.5385, 0.4106



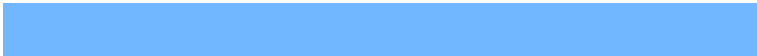
1.1987, 0.5140, 0.4301

Inverse Universe

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



35.9877, 0.2380, 0.2567



44.4920, 0.2226, 0.2377



21.2137, 0.2248, 0.1836



13.6762, 0.2982, 0.3169



9.6588, 0.1769, 0.1568



0.7980, 0.1852, 0.1866

Previews

White Background



This preview shows how the Yxy color 43.6501, 0.4078, 0.3905 looks on a white background.

Color Contrast Check

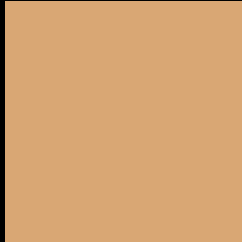
Large Text (above 18pt) WCAG AA × Fail

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 43.6501, 0.4078, 0.3905 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

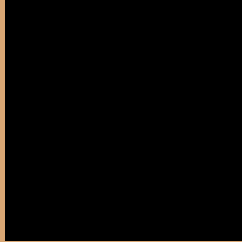
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.6501, 0.4078, 0.3905

Background



This preview shows how black text looks on a background with the Yxy color 43.6501, 0.4078, 0.3905.



This preview shows how white text looks on a background with the Yxy color 43.6501, 0.4078, 0.3905.

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

43.6501, 0.4078, 0.3905

Protanopia

43.8767, 0.3739, 0.4041

Deuteranopia

43.6339, 0.4018, 0.3941



Tritanopia

43.6498, 0.3618, 0.3149

Trichromacy



Original Color

43.6501, 0.4078, 0.3905

Protanomaly

43.4984, 0.3854, 0.3983

Deuteranomaly

43.5624, 0.4043, 0.3924

Tritanomaly

43.6770, 0.3785, 0.3424

Monochromacy



Original Color

43.6501, 0.4078, 0.3905

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.2966, 0.3457, 0.3541

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.6501, 0.4078, 0.3905 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(217, 167, 116)` looks like.

```
.text, #text, p{  
    color:rgb(217, 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(217, 167, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 167, 116) }
```

Border

The CSS property to change the border of an element to Yxy 43.6501, 0.4078, 0.3905 is called "border". The border property can be set on classes, ids or directly on the HTML element.

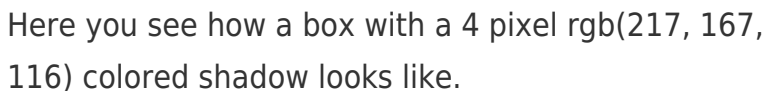
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(217, 167, 116) }
```

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

```
.border{ border-color:rgb(217, 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(217, 167, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(217, 167, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(217, 167, 116); box-shadow:4px 4px 4px 4px rgb(217, 167, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 43.6501, 0.4078, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 167, 116) }
```

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

```
.background{ background-color: rgb(217,  
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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