

Converting Colors

$Y_{xy}(42.9252, 0.4108, 0.3890)$

Have a look what the booklet for
Yxy(42.9252, 0.4108, 0.3890)
contains.

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Color

Yxy(43.0535, 0.4109, 0.3891)

Conversions

Conversions Part 1

Format	Color
Hex	DAA573
RGB	218, 165, 115
RGB Percent	85%, 65%, 45%
CMY	0.1450, 0.3529, 0.5491
CMYK	0.00, 0.24, 0.47, 0.15
HSL	29°, 58%, 65%
HSV	29°, 47%, 85%
XYZ	45.4656, 43.0535, 22.1298
YIQ	175.1470, 47.6380, -4.3140

Conversions

Conversions Part 2

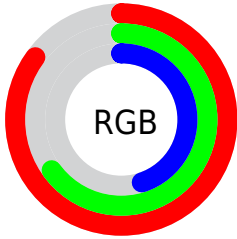
Format	Color
R _Y B	218, 212, 115
Decimal	14329203
CIE Lab	71.59, 13.49, 33.43
CIE LCh	72, 36.049, 68.026
Yxy	43.0535, 0.4109, 0.3891
Android (android.graphics.Color)	4292519283 (0xFFDAA573)
YUV	175.1470, -29.6525, 37.5821
Hunter-Lab	65.6152, 8.8586, 25.9341

Details

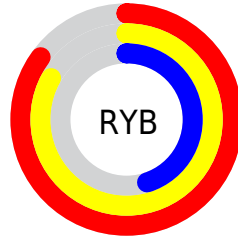
The Yxy color **43.0535, 0.4109, 0.3891** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **36.7130, 0.2374, 0.2584**, and the grayscale version is **43.0889, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2736, 0.3754, 0.3824**, and **19.7807, 0.4387, 0.4020** is the 20% darker color. If you saturate the color by 10%, you get **38.7406, 0.4382, 0.4002**, and if you desaturate by 10%, it is **47.8443, 0.3855, 0.3765**.

Distribution



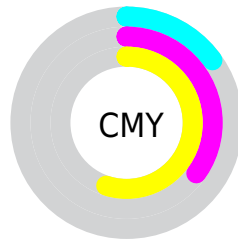
- Red (85%)
- Green (65%)
- Blue (45%)



- Red (85%)
- Yellow (83%)
- Blue (45%)



- Cyan (0%)
- Magenta (24%)
- Yellow (47%)
- Black (15%)





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

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0535, 0.4109, 0.3891 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 43.0535, 0.4109, 0.3891 by changing the saturation by 10% instead.


 43.0535, 0.4109,
0.3891


 43.0535, 0.4109,
0.3891


358.8317, 0.3614,
0.3608

 29.9271, 0.4230,
0.3953


 79.7916, 0.3930,
0.3794

 19.7833, 0.4384,
0.4026


 104.1721, 0.3862,
0.3756

 12.2376, 0.4581,
0.4112

 133.0727, 0.3805,
0.3723

 6.9057, 0.4840,
0.4207

166.8778, 0.3756,
0.3694

 3.4032, 0.5285,
0.4374

205.9719, 0.3713,
0.3669

 1.3457, 0.5675,
0.4325

250.7393, 0.3676,

 0.1762, 0.7382,

0.3646

0.2618

301.5645, 0.3643,
0.3626

0.0000, 0.0000,
0.0000

43.0535, 0.4109,
0.3891

43.0535, 0.4109,
0.3891

38.7406, 0.4382,
0.4002

47.8443, 0.3855,
0.3765

34.8817, 0.4665,
0.4086

53.1231, 0.3625,
0.3634

31.4599, 0.4943,
0.4130

58.9074, 0.3421,
0.3503

28.4539, 0.5197,
0.4124

65.2120, 0.3242,
0.3377

25.8385, 0.5411,
0.4063

72.0508, 0.3087,
0.3258

■ 25.1807, 0.5466,
0.4042

■ 79.4372, 0.2951,
0.3148

■ 86.5458, 0.2902,
0.3172

■ 93.4864, 0.2906,
0.3287

■ 93.6476, 0.2906,
0.3289

Harmonies

Analogous

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



43.0535, 0.4135, 0.3500



43.0535, 0.4109, 0.3891



43.0535, 0.3807, 0.4170

Triad

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



43.0535, 0.4109, 0.3891



43.0535, 0.2427, 0.3440



43.0535, 0.2853, 0.2529

Complementary

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



43.0535, 0.4109, 0.3891



36.7130, 0.2374, 0.2584

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.



43.0535, 0.2444, 0.2471



43.0535, 0.4109, 0.3891



43.0535, 0.2214, 0.2946

Square

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



43.0535, 0.4109, 0.3891



43.0535, 0.2831, 0.3934



43.0535, 0.2222, 0.2607



43.0535, 0.3374, 0.2752

Rectangle

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



43.0535, 0.4109, 0.3891



43.0535, 0.3504, 0.4231



43.0535, 0.2222, 0.2607



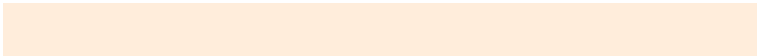
43.0535, 0.2699, 0.2490

Sweetspot

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



43.0556, 0.4109, 0.3891



86.7445, 0.3363, 0.3463



30.0019, 0.3733, 0.2658



18.1583, 0.3403, 0.3490



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.



43.0556, 0.4109, 0.3891



55.1044, 0.4389, 0.4004



65.4091, 0.3830, 0.4422



14.0896, 0.3279, 0.3404



15.2975, 0.5443, 0.4060



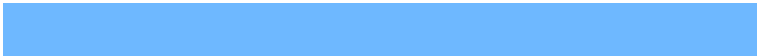
1.1632, 0.5186, 0.4264

Inverse Universe

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



36.7130, 0.2374, 0.2584



44.9778, 0.2220, 0.2396



21.3611, 0.2236, 0.1834



13.7198, 0.2982, 0.3174



10.2151, 0.1787, 0.1634



0.8341, 0.1868, 0.1923

Previews

White Background



This preview shows how the Yxy color 43.0535, 0.4109, 0.3891 looks on a white background.

Color Contrast Check

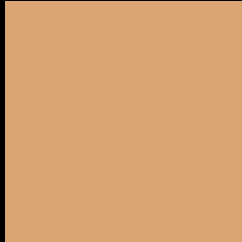
Large Text (above 18pt) WCAG AA × Fail

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 43.0535, 0.4109, 0.3891 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

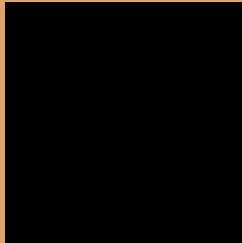
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0535, 0.4109, 0.3891

Background



This preview shows how black text looks on a background with the Yxy color 43.0535, 0.4109, 0.3891.



This preview shows how white text looks on a background with the Yxy color 43.0535, 0.4109, 0.3891.

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

43.0535, 0.4109, 0.3891

Protanopia

43.3297, 0.3742, 0.4045

Deuteranopia

43.0691, 0.4032, 0.3955



Tritanopia

43.0440, 0.3652, 0.3150

Trichromacy



Original Color

43.0535, 0.4109, 0.3891

Protanomaly

43.0924, 0.3868, 0.3983

Deuteranomaly

43.1485, 0.4067, 0.3936

Tritanomaly

43.0639, 0.3822, 0.3424

Monochromacy



Original Color

43.0535, 0.4109, 0.3891

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5021, 0.3471, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0535, 0.4109, 0.3891 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(218, 165, 115)` looks like.

```
.text, #text, p{  
    color:rgb(218, 165, 115)  
}
```

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(218, 165, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 165, 115) }
```

Border

The CSS property to change the border of an element to Yxy 43.0535, 0.4109, 0.3891 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(218, 165, 115) }
```

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

```
.border{ border-color:rgb(218, 165, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 165, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 165, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 165, 115);  
box-shadow:4px 4px 4px 4px rgb(218, 165,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0535, 0.4109, 0.3891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 165, 115) }
```

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

```
.background{ background-color: rgb(218,  
165, 115) }
```

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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