

Converting Colors

$Y_{xy}(29.1419, 0.3870, 0.3809)$

Have a look what the booklet for
Yxy(29.1419, 0.3870, 0.3809)
contains.

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Color

Yxy(29.0890, 0.3874, 0.3809)

Conversions

Conversions Part 1

Format	Color
Hex	AE8D6A
RGB	174, 141, 106
RGB Percent	68%, 55%, 42%
CMY	0.3176, 0.4471, 0.5843
CMYK	0.00, 0.19, 0.39, 0.32
HSL	31°, 30%, 55%
HSV	31°, 39%, 68%
XYZ	29.5854, 29.0890, 17.6947
YIQ	146.8770, 30.9030, -3.8890

Conversions

Conversions Part 2

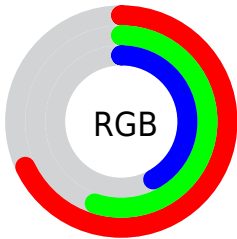
Format	Color
R_{YB}	170, 174, 106
Decimal	11439466
CIE _{Lab}	60.86, 7.56, 23.38
CIE _{LCh}	61, 24.569, 72.071
Yxy	29.0890, 0.3874, 0.3809
Android (android.graphics.Color)	4289629546 (0xFFAE8D6A)
YUV	146.8770, -20.1524, 23.7869
Hunter-Lab	53.9342, 3.5306, 18.3021

Details

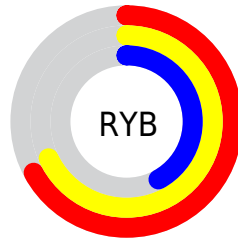
The Yxy color $29.0890, 0.3874, 0.3809$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $24.5973, 0.2508, 0.2702$, and the grayscale version is $29.2009, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.4878, 0.3719, 0.3709$, and $11.7807, 0.4130, 0.3972$ is the 20% darker color. If you saturate the color by 10%, you get $26.3667, 0.4119, 0.3939$, and if you desaturate by 10%, it is $32.0777, 0.3650, 0.3673$.

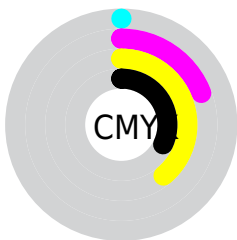
Distribution



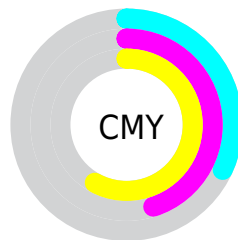
- Red (68%)
- Green (55%)
- Blue (42%)



- Red (67%)
- Yellow (68%)
- Blue (42%)



- Cyan (0%)
- Magenta (19%)
- Yellow (39%)
- Black (32%)





- Cyan (32%)
- Magenta (45%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.0890, 0.3874, 0.3809 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 29.0890, 0.3874, 0.3809 by changing the saturation by 10% instead.


 29.0890, 0.3874,
0.3809


 29.0890, 0.3874,
0.3809


297.6347, 0.3472,
0.3540


 19.1482, 0.3983,
0.3878


 58.2185, 0.3721,
0.3710


 11.7774, 0.4128,
0.3965


 78.1759, 0.3666,
0.3673

 6.5923, 0.4328,
0.4078


 102.2409, 0.3619,
0.3642

 3.2085, 0.4616,
0.4225

 130.7980, 0.3581,
0.3615

 1.2415, 0.5347,
0.4653

164.2315, 0.3547,
0.3592

 0.0952, 0.7429,
0.2571

202.9259, 0.3519,

 0.0000, 0.0000,

0.3572

0.0000

247.2655, 0.3494,
0.3555

■ 29.0890, 0.3874,
0.3809

■ 29.0890, 0.3874,
0.3809

■ 26.3667, 0.4119,
0.3939

■ 32.0777, 0.3650,
0.3673

■ 23.8979, 0.4379,
0.4053

■ 35.3368, 0.3449,
0.3536

■ 21.6747, 0.4645,
0.4139


■ 38.8755, 0.3270,
0.3404


■ 19.6870, 0.4903,
0.4186


■ 42.7011, 0.3114,
0.3279


■ 17.9235, 0.5137,
0.4182


■ 46.8207, 0.2976,
0.3162


 16.3667, 0.5340,
0.4132

 51.2411, 0.2857,
0.3054

 16.2320, 0.5359,
0.4127

 55.9689, 0.2752,
0.2955

 61.0103, 0.2660,
0.2864

 65.8702, 0.2619,
0.2860

Harmonies

Analogous

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



29.0890, 0.3920, 0.3512



29.0890, 0.3874, 0.3809



29.0890, 0.3621, 0.3993

Triad

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



29.0890, 0.3874, 0.3809



29.0890, 0.2546, 0.3357



29.0890, 0.2969, 0.2701

Complementary

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



29.0890, 0.3874, 0.3809



24.5973, 0.2508, 0.2702

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.



29.0890, 0.2626, 0.2638



29.0890, 0.3874, 0.3809



29.0890, 0.2395, 0.2986

Square

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



29.0890, 0.3874, 0.3809



29.0890, 0.2852, 0.3737



29.0890, 0.2423, 0.2733



29.0890, 0.3378, 0.2897

Rectangle

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



29.0890, 0.3874, 0.3809



29.0890, 0.3378, 0.4009



29.0890, 0.2423, 0.2733



29.0890, 0.2843, 0.2664

Sweetspot

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



29.0904, 0.3874, 0.3809



68.4340, 0.3324, 0.3445



21.2057, 0.3598, 0.2789



15.0275, 0.3346, 0.3461



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.0904, 0.3874, 0.3809



48.4060, 0.4087, 0.3923



40.3205, 0.3702, 0.4240



8.6711, 0.3274, 0.3407



11.8899, 0.5342, 0.4140



0.4398, 0.4908, 0.4485

Inverse Universe

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



24.5973, 0.2508, 0.2702



39.0917, 0.2368, 0.2542



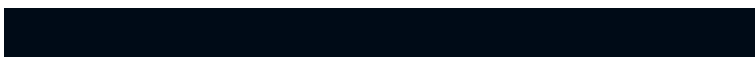
16.4328, 0.2421, 0.2123



8.3750, 0.2986, 0.3170



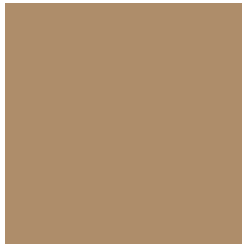
6.9889, 0.1766, 0.1557



0.3043, 0.1924, 0.2125

Previews

White Background



This preview shows how the Yxy color 29.0890, 0.3874, 0.3809 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 29.0890, 0.3874, 0.3809 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 × Fail

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

Yxy 29.0890, 0.3874, 0.3809

Background



This preview shows how black text looks on a background with the Yxy color 29.0890, 0.3874, 0.3809.



This preview shows how white text looks on a background with the Yxy color 29.0890, 0.3874, 0.3809.

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

29.0890, 0.3874, 0.3809

Protanopia

29.2407, 0.3629, 0.3888

Deuteranopia

29.0890, 0.3874, 0.3809



Tritanopia

29.1486, 0.3493, 0.3147

Trichromacy



Original Color

29.0890, 0.3874, 0.3809

Protanomaly

29.2260, 0.3717, 0.3860

Deuteranomaly

29.0890, 0.3874, 0.3809

Tritanomaly

29.1628, 0.3644, 0.3394

Monochromacy



Original Color

29.0890, 0.3874, 0.3809

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.0848, 0.3387, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.0890, 0.3874, 0.3809 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(174, 141, 106)` looks like.

```
.text, #text, p{  
    color:rgb(174, 141, 106)  
}
```

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(174, 141, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 141, 106) }
```

Border

The CSS property to change the border of an element to Yxy 29.0890, 0.3874, 0.3809 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(174, 141, 106) }
```

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

```
.border{ border-color:rgb(174, 141, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 141, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 141, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 141, 106);  
box-shadow:4px 4px 4px 4px rgb(174, 141,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 29.0890, 0.3874, 0.3809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 141, 106) }
```

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

```
.background{ background-color: rgb(174,  
141, 106) }
```

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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