

Converting Colors

$Y_{xy}(29.2481, 0.3861, 0.3794)$

Have a look what the booklet for
Yxy(29.2481, 0.3861, 0.3794)
contains.

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Color

Yxy(29.1100, 0.3863, 0.3795)

Conversions

Conversions Part 1

Format	Color
Hex	AE8D6B
RGB	174, 141, 107
RGB Percent	68%, 55%, 42%
CMY	0.3177, 0.4470, 0.5804
CMYK	0.00, 0.19, 0.39, 0.32
HSL	30°, 29%, 55%
HSV	30°, 39%, 68%
XYZ	29.6316, 29.1100, 17.9646
YIQ	146.9910, 30.5820, -3.5780

Conversions

Conversions Part 2

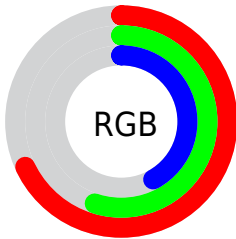
Format	Color
RYB	172, 174, 107
Decimal	11439467
CIELab	60.88, 7.66, 22.86
CIElCh	61, 24.105, 71.471
Yxy	29.1100, 0.3863, 0.3795
Android (android.graphics.Color)	4289629547 (0xFFAE8D6B)
YUV	146.9910, -19.7156, 23.6869
Hunter-Lab	53.9537, 3.6140, 18.0262

Details

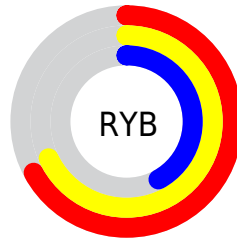
The Yxy color **29.1100, 0.3863, 0.3795** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.9276, 0.2518, 0.2720**, and the grayscale version is **29.2473, 0.3127, 0.3290**.

A 20% lighter version of the original color is **58.5223, 0.3711, 0.3698**, and **11.7910, 0.4115, 0.3952** is the 20% darker color. If you saturate the color by 10%, you get **26.3523, 0.4109, 0.3924**, and if you desaturate by 10%, it is **32.1394, 0.3639, 0.3660**.

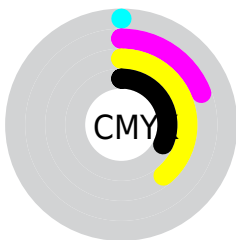
Distribution



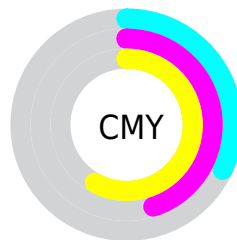
- Red (68%)
- Green (55%)
- Blue (42%)



- 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 29.1100, 0.3863, 0.3795 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 29.1100, 0.3863, 0.3795 by changing the saturation by 10% instead.


 29.1100, 0.3863,
0.3795


 29.1100, 0.3863,
0.3795


297.7336, 0.3466,
0.3533

 19.1640, 0.3971,
0.3862


 58.2518, 0.3712,
0.3698

 11.7889, 0.4114,
0.3947


 78.2165, 0.3657,
0.3662

 6.6001, 0.4312,
0.4058


 102.2895, 0.3612,
0.3632

 3.2133, 0.4598,
0.4201

 130.8552, 0.3574,
0.3606

 1.2441, 0.5353,
0.4647

164.2981, 0.3541,
0.3584

 0.0973, 0.7418,
0.2582

203.0025, 0.3513,

 0.0000, 0.0000,

0.3565

0.0000

247.3529, 0.3488,
0.3548

■ 29.1100, 0.3863,
0.3795

■ 29.1100, 0.3863,
0.3795

■ 26.3523, 0.4109,
0.3924

■ 32.1394, 0.3639,
0.3660

■ 23.8535, 0.4370,
0.4037

■ 35.4447, 0.3438,
0.3525

■ 21.6053, 0.4639,
0.4124


■ 39.0353, 0.3261,
0.3395


■ 19.5976, 0.4902,
0.4172

■ 42.9186, 0.3105,
0.3272

■ 17.8188, 0.5141,
0.4170


■ 47.1019, 0.2969,
0.3157

 16.2524, 0.5347,
0.4120

 51.5920, 0.2850,
0.3051

 16.0336, 0.5378,
0.4112

 56.3957, 0.2747,
0.2954

 61.5194, 0.2656,
0.2864

 66.4042, 0.2621,
0.2872

Harmonies

Analogous

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



29.1100, 0.3903, 0.3502



29.1100, 0.3863, 0.3795



29.1100, 0.3619, 0.3978

Triad

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



29.1100, 0.3863, 0.3795



29.1100, 0.2561, 0.3364



29.1100, 0.2965, 0.2709

Complementary

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



29.1100, 0.3863, 0.3795



24.9276, 0.2518, 0.2720

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.



29.1100, 0.2630, 0.2650



29.1100, 0.3863, 0.3795



29.1100, 0.2409, 0.2999

Square

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



29.1100, 0.3863, 0.3795



29.1100, 0.2864, 0.3734



29.1100, 0.2434, 0.2747



29.1100, 0.3366, 0.2899

Rectangle

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



29.1100, 0.3863, 0.3795



29.1100, 0.3381, 0.3995



29.1100, 0.2434, 0.2747



29.1100, 0.2841, 0.2673

Sweetspot

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



29.1114, 0.3863, 0.3795



68.3428, 0.3324, 0.3443



21.4188, 0.3588, 0.2797



15.0053, 0.3346, 0.3459



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.



29.1114, 0.3863, 0.3795



48.6217, 0.4066, 0.3903



40.3251, 0.3694, 0.4227



8.6623, 0.3274, 0.3405



11.7504, 0.5361, 0.4125



0.4362, 0.4920, 0.4475

Inverse Universe

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



24.9276, 0.2518, 0.2720



39.9698, 0.2386, 0.2571



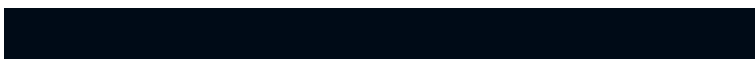
16.6947, 0.2433, 0.2143



8.3838, 0.2986, 0.3172



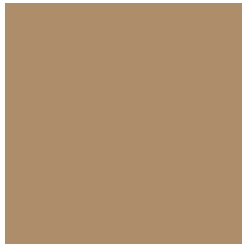
7.1213, 0.1772, 0.1579



0.3079, 0.1928, 0.2141

Previews

White Background



This preview shows how the Yxy color 29.1100, 0.3863, 0.3795 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 29.1100, 0.3863, 0.3795 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

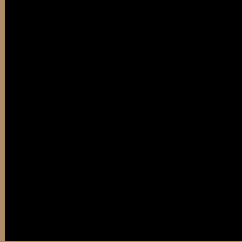
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 29.1100, 0.3863, 0.3795

Background



This preview shows how black text looks on a background with the Yxy color 29.1100, 0.3863, 0.3795.



This preview shows how white text looks on a background with the Yxy color 29.1100, 0.3863, 0.3795.

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

29.1100, 0.3863, 0.3795

Protanopia

29.2623, 0.3619, 0.3872

Deuteranopia

29.1100, 0.3863, 0.3795



Tritanopia

29.1486, 0.3493, 0.3147

Trichromacy



Original Color

29.1100, 0.3863, 0.3795

Protanomaly

29.2474, 0.3707, 0.3845

Deuteranomaly

29.1100, 0.3863, 0.3795

Tritanomaly

29.1900, 0.3633, 0.3379

Monochromacy



Original Color

29.1100, 0.3863, 0.3795

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 29.1100, 0.3863, 0.3795 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, 107)` looks like.

```
.text, #text, p{  
    color:rgb(174, 141, 107)  
}
```

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, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 141, 107) }
```

Border

The CSS property to change the border of an element to Yxy 29.1100, 0.3863, 0.3795 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, 107) }
```

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

```
.border{ border-color:rgb(174, 141, 107) }
```

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, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 141, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 141, 107);  
box-shadow:4px 4px 4px 4px rgb(174, 141,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 29.1100, 0.3863, 0.3795 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, 107) }
```

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

```
.background{ background-color: rgb(174,  
141, 107) }
```

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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