

Converting Colors

$Y_{xy}(29.7995, 0.3874, 0.3835)$

Have a look what the booklet for
Yxy(29.7995, 0.3874, 0.3835)
contains.

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Color

Yxy(29.7995, 0.3874, 0.3835)

Conversions

Conversions Part 1

Format	Color
Hex	AF8F6A
RGB	175, 143, 106
RGB Percent	69%, 56%, 42%
CMY	0.3137, 0.4392, 0.5843
CMYK	0.00, 0.18, 0.39, 0.31
HSL	32°, 30%, 55%
HSV	32°, 39%, 69%
XYZ	30.1025, 29.7995, 17.8020
YIQ	148.3500, 30.9490, -4.7230

Conversions

Conversions Part 2

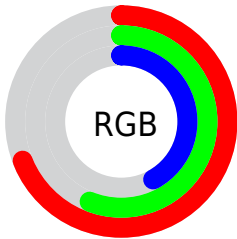
Format	Color
R_{YB}	166, 175, 106
Decimal	11505514
CIE _{Lab}	61.48, 6.85, 24.23
CIE _{LCh}	61, 25.176, 74.210
Yxy	29.7995, 0.3874, 0.3835
Android (android.graphics.Color)	4289695594 (0xFFAF8F6A)
YUV	148.3500, -20.8785, 23.3721
Hunter-Lab	54.5889, 2.9015, 18.8772

Details

The Yxy color $29.7995, 0.3874, 0.3835$ is a dark color, and the websafe version is hex `CC9966`. A complement of this color would be $24.3347, 0.2498, 0.2670$, and the grayscale version is $29.8481, 0.3127, 0.3290$.

A 20% lighter version of the original color is $59.5569, 0.3721, 0.3730$, and $12.1991, 0.4125, 0.4005$ is the 20% darker color. If you saturate the color by 10%, you get $27.1242, 0.4114, 0.3970$, and if you desaturate by 10%, it is $32.7281, 0.3653, 0.3693$.

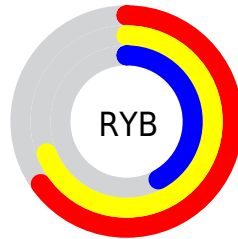
Distribution



Red (69%)

Green (56%)

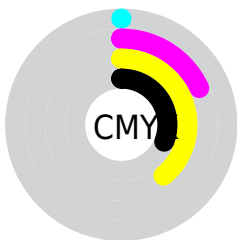
Blue (42%)



Red (65%)

Yellow (69%)

Blue (42%)

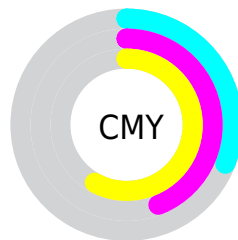


Cyan (0%)

Magenta (18%)

Yellow (39%)

Black (31%)



Cyan (31%)


Magenta (44%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 29.7995, 0.3874, 0.3835 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 29.7995, 0.3874, 0.3835 by changing the saturation by 10% instead.


 29.7995, 0.3874,
0.3835


 29.7995, 0.3874,
0.3835

300.9688, 0.3474,
0.3552


 19.6865, 0.3982,
0.3907


 59.3450, 0.3722,
0.3731

 12.1673, 0.4124,
0.3998


 79.5462, 0.3667,
0.3692

 6.8577, 0.4319,
0.4117


 103.8789, 0.3621,
0.3660

 3.3733, 0.4597,
0.4270

 132.7275, 0.3583,
0.3632

 1.3296, 0.5294,
0.4706

166.4764, 0.3549,
0.3608

 0.1639, 0.6634,
0.3366

205.5099, 0.3521,

 0.0000, 0.0000,

0.3587

0.0000

250.2126, 0.3496,
0.3569

■ 29.7995, 0.3874,
0.3835

■ 29.7995, 0.3874,
0.3835

■ 27.1242, 0.4114,
0.3970

■ 32.7281, 0.3653,
0.3693

■ 24.6899, 0.4367,
0.4087

■ 35.9136, 0.3453,
0.3551

■ 22.4889, 0.4623,
0.4177

■ 39.3647, 0.3276,
0.3413

■ 20.5117, 0.4870,
0.4227

■ 43.0885, 0.3119,
0.3283

■ 18.7474, 0.5092,
0.4227

■ 47.0915, 0.2981,
0.3161

■ 17.1783, 0.5284,
0.4180

■ 51.3803, 0.2860,
0.3047

■ 17.0929, 0.5295,
0.4177

■ 55.9610, 0.2754,
0.2943

■ 60.8396, 0.2661,
0.2848

■ 65.4621, 0.2623,
0.2848

Harmonies

Analogous

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



29.7995, 0.3938, 0.3538



29.7995, 0.3874, 0.3835



29.7995, 0.3605, 0.4011

Triad

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



29.7995, 0.3874, 0.3835



29.7995, 0.2520, 0.3329



29.7995, 0.2995, 0.2702

Complementary

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



29.7995, 0.3874, 0.3835



24.3347, 0.2498, 0.2670

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.



29.7995, 0.2639, 0.2628



29.7995, 0.3874, 0.3835



29.7995, 0.2379, 0.2957

Square

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



29.7995, 0.3874, 0.3835



29.7995, 0.2821, 0.3720



29.7995, 0.2422, 0.2711



29.7995, 0.3411, 0.2909

Rectangle

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



29.7995, 0.3874, 0.3835



29.7995, 0.3353, 0.4017



29.7995, 0.2422, 0.2711



29.7995, 0.2865, 0.2661

Sweetspot

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



29.8009, 0.3874, 0.3835



68.7360, 0.3323, 0.3451



21.2633, 0.3635, 0.2817



15.1010, 0.3345, 0.3469



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.



29.8009, 0.3874, 0.3835



49.3245, 0.4074, 0.3949



40.5484, 0.3684, 0.4257



8.7000, 0.3274, 0.3412



12.3657, 0.5279, 0.4190



0.4521, 0.4869, 0.4516

Inverse Universe

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



24.3347, 0.2498, 0.2670



38.2095, 0.2362, 0.2509



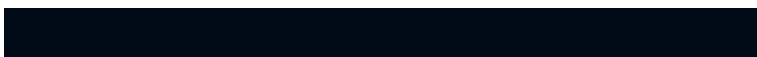
16.6114, 0.2435, 0.2117



8.3463, 0.2986, 0.3165



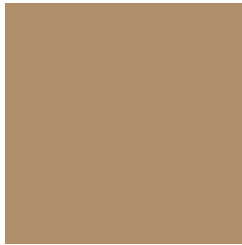
6.5669, 0.1746, 0.1486



0.2929, 0.1909, 0.2073

Previews

White Background



This preview shows how the Yxy color 29.7995, 0.3874, 0.3835 looks on a white background.

Color Contrast Check

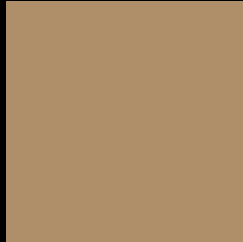
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.7995, 0.3874, 0.3835 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 29.7995, 0.3874, 0.3835

Background



This preview shows how black text looks on a background with the Yxy color 29.7995, 0.3874, 0.3835.



This preview shows how white text looks on a background with the Yxy color 29.7995, 0.3874, 0.3835.

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

29.7995, 0.3874, 0.3835

Protanopia

29.7361, 0.3657, 0.3913

Deuteranopia

29.7337, 0.3903, 0.3816



Tritanopia

29.6131, 0.3480, 0.3134

Trichromacy



Original Color

29.7995, 0.3874, 0.3835

Protanomaly

29.6186, 0.3734, 0.3887

Deuteranomaly

29.6167, 0.3891, 0.3819

Tritanomaly

29.6237, 0.3630, 0.3379

Monochromacy



Original Color

29.7995, 0.3874, 0.3835

Achromatopsia

29.6138, 0.3127, 0.3290

Achromatomaly

29.5203, 0.3386, 0.3493

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.7995, 0.3874, 0.3835 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(175, 143, 106)` looks like.

```
.text, #text, p{  
    color:rgb(175, 143, 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(175, 143, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 143, 106) }
```

Border

The CSS property to change the border of an element to Yxy 29.7995, 0.3874, 0.3835 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(175, 143, 106) }
```

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

```
.border{ border-color:rgb(175, 143, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 143, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 143, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 143, 106);  
box-shadow:4px 4px 4px 4px rgb(175, 143,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 29.7995, 0.3874, 0.3835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 143, 106) }
```

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

```
.background{ background-color: rgb(175,  
143, 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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