

Converting Colors

$Yxy(32.8305, 0.3802, 0.3960)$

Have a look what the booklet for
Yxy(32.8305, 0.3802, 0.3960)
contains.

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Color

Yxy(32.8427, 0.3798, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	AE996B
RGB	174, 153, 107
RGB Percent	68%, 60%, 42%
CMY	0.3177, 0.4000, 0.5803
CMYK	0.00, 0.12, 0.38, 0.32
HSL	41°, 29%, 55%
HSV	41°, 38%, 68%
XYZ	31.4991, 32.8427, 18.5943
YIQ	154.0350, 27.2820, -9.8540

Conversions

Conversions Part 2

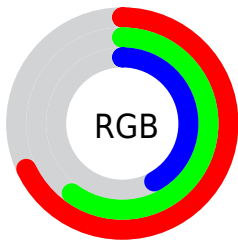
Format	Color
RYB	138, 174, 107
Decimal	11442539
CIELab	64.03, 1.04, 27.03
CIELCh	64, 27.048, 87.797
Yxy	32.8427, 0.3798, 0.3960
Android (android.graphics.Color)	4289632619 (0xFFAE996B)
YUV	154.0350, -23.1883, 17.5093
Hunter-Lab	57.3086, -2.1790, 20.8788

Details

The Yxy color **32.8427, 0.3798, 0.3960** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.6204, 0.2487, 0.2510**, and the grayscale version is **32.4266, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.9518, 0.3663, 0.3828**, and **13.8116, 0.4002, 0.4160** is the 20% darker color. If you saturate the color by 10%, you get **30.7702, 0.3999, 0.4129**, and if you desaturate by 10%, it is **35.0734, 0.3605, 0.3783**.

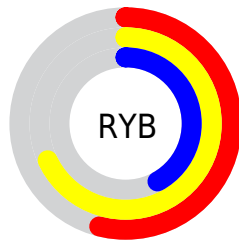
Distribution



Red (68%)

Green (60%)

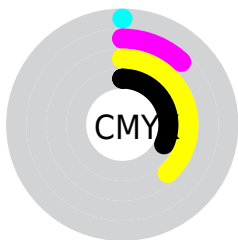
Blue (42%)



Red (54%)

Yellow (68%)

Blue (42%)

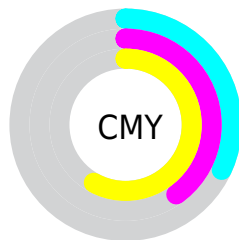


Cyan (0%)

Magenta (12%)

Yellow (38%)

Black (32%)



Cyan (32%)


Magenta (40%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8427, 0.3798, 0.3960 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 32.8427, 0.3798, 0.3960 by changing the saturation by 10% instead.


 32.8427, 0.3798,
0.3960


 32.8427, 0.3798,
0.3960


314.9403, 0.3447,
0.3611

 22.0060, 0.3889,
0.4049


 64.1299, 0.3668,
0.3831


 13.8613, 0.4006,
0.4165


 85.3491, 0.3619,
0.3783

 8.0243, 0.4162,
0.4316


 110.7979, 0.3579,
0.3743

 4.1105, 0.4373,
0.4519

 140.8608, 0.3545,
0.3709

 1.7355, 0.4933,
0.5067

175.9221, 0.3515,
0.3679

 0.4465, 0.5018,
0.4982

216.3662, 0.3489,

 0.0000, 0.0000,

0.3654

0.0000

262.5775, 0.3467,
0.3631

■ 32.8427, 0.3798,
0.3960

■ 32.8427, 0.3798,
0.3960

■ 30.7702, 0.3999,
0.4129

■ 35.0734, 0.3605,
0.3783

■ 28.8459, 0.4201,
0.4279

■ 37.4629, 0.3424,
0.3605

■ 27.0653, 0.4396,
0.4401

■ 40.0176, 0.3257,
0.3431

■ 25.4216, 0.4576,
0.4485

■ 42.7419, 0.3105,
0.3266

■ 23.9072, 0.4730,
0.4521

■ 45.6403, 0.2968,
0.3110

■ 22.5096, 0.4856,
0.4513

■ 48.7167, 0.2846,
0.2965

■ 22.3060, 0.4875,
0.4511

■ 51.9753, 0.2736,
0.2831

■ 55.4197, 0.2639,
0.2708

■ 58.4868, 0.2598,
0.2682

Harmonies

Analogous

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



32.8427, 0.3971, 0.3695



32.8427, 0.3798, 0.3960



32.8427, 0.3448, 0.4057

Triad

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



32.8427, 0.3798, 0.3960



32.8427, 0.2408, 0.3143



32.8427, 0.3184, 0.2763

Complementary

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



32.8427, 0.3798, 0.3960



21.6204, 0.2487, 0.2510

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.



32.8427, 0.2773, 0.2619



32.8427, 0.3798, 0.3960



32.8427, 0.2348, 0.2808

Square

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



32.8427, 0.3798, 0.3960



32.8427, 0.2649, 0.3561



32.8427, 0.2476, 0.2629



32.8427, 0.3606, 0.3025

Rectangle

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



32.8427, 0.3798, 0.3960



32.8427, 0.3168, 0.3989



32.8427, 0.2476, 0.2629



32.8427, 0.3040, 0.2700

Sweetspot

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



32.8442, 0.3798, 0.3960



70.8398, 0.3317, 0.3495



21.0812, 0.3757, 0.2975



15.6137, 0.3338, 0.3517



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.



32.8442, 0.3798, 0.3960



56.4350, 0.3965, 0.4101



38.9796, 0.3573, 0.4268



8.9005, 0.3270, 0.3445



16.2911, 0.4866, 0.4519



0.5451, 0.4619, 0.4715

Inverse Universe

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



21.6204, 0.2487, 0.2510



33.2495, 0.2338, 0.2305



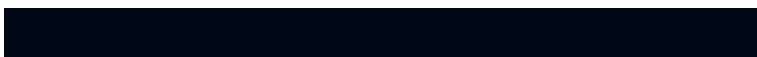
17.5182, 0.2556, 0.2179



8.1514, 0.2986, 0.3130



4.2600, 0.1627, 0.1056



0.2177, 0.1803, 0.1691

Previews

White Background



This preview shows how the Yxy color 32.8427, 0.3798, 0.3960 looks on a white background.

Color Contrast Check

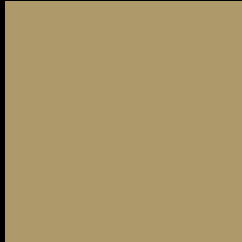
Large Text (above 18pt) WCAG AA × Fail

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 32.8427, 0.3798, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

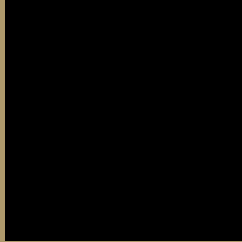
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8427, 0.3798, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 32.8427, 0.3798, 0.3960.



This preview shows how white text looks on a background with the Yxy color 32.8427, 0.3798, 0.3960.

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

32.8427, 0.3798, 0.3960

Protanopia

32.8502, 0.3713, 0.3989

Deuteranopia

32.8919, 0.3931, 0.3864



Tritanopia

32.6101, 0.3355, 0.3122

Trichromacy



Original Color

32.8427, 0.3798, 0.3960

Protanomaly

32.7400, 0.3740, 0.3970

Deuteranomaly

32.7192, 0.3881, 0.3887

Tritanomaly

32.7061, 0.3522, 0.3435

Monochromacy



Original Color

32.8427, 0.3798, 0.3960

Achromatopsia

32.3143, 0.3127, 0.3290

Achromatomaly

32.4944, 0.3360, 0.3548

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8427, 0.3798, 0.3960 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, 153, 107)` looks like.

```
.text, #text, p{  
    color:rgb(174, 153, 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, 153, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 153, 107) }
```

Border

The CSS property to change the border of an element to Yxy 32.8427, 0.3798, 0.3960 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, 153, 107) }
```

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

```
.border{ border-color:rgb(174, 153, 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, 153, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 153, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 153, 107);  
box-shadow:4px 4px 4px 4px rgb(174, 153,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8427, 0.3798, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 153, 107) }
```

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

```
.background{ background-color: rgb(174,  
153, 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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