

Converting Colors

$Yxy(32.8768, 0.3396, 0.3869)$

Have a look what the booklet for
Yxy(32.8768, 0.3396, 0.3869)
contains.

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Color

Yxy(32.8768, 0.3396, 0.3869)

Conversions

Conversions Part 1

Format	Color
Hex	989F7A
RGB	152, 159, 122
RGB Percent	60%, 62%, 48%
CMY	0.4040, 0.3764, 0.5215
CMYK	0.04, 0.00, 0.23, 0.38
HSL	71°, 16%, 55%
HSV	71°, 23%, 62%
XYZ	28.8575, 32.8768, 23.2406
YIQ	152.6890, 7.7050, -12.9910

Conversions

Conversions Part 2

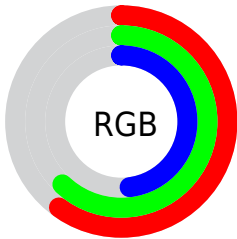
Format	Color
RYB	122, 159, 129
Decimal	10002298
CIELab	64.06, -9.04, 18.51
CIELCh	64, 20.599, 116.019
Yxy	32.8768, 0.3396, 0.3869
Android (android.graphics.Color)	4288192378 (0xFF989F7A)
YUV	152.6890, -15.1297, -0.6043
Hunter-Lab	57.3383, -10.5057, 16.1051

Details

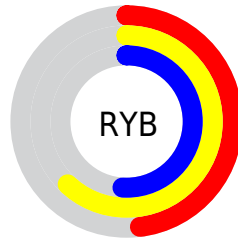
The Yxy color **32.8768, 0.3396, 0.3869** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.0959, 0.2817, 0.2668**, and the grayscale version is **31.7772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.4537, 0.3345, 0.3749**, and **13.9729, 0.3481, 0.4077** is the 20% darker color. If you saturate the color by 10%, you get **32.2280, 0.3509, 0.4128**, and if you desaturate by 10%, it is **33.6005, 0.3280, 0.3613**.

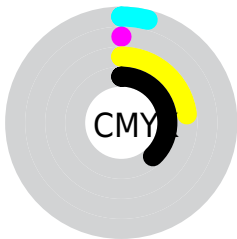
Distribution



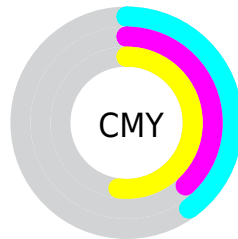
- Red (60%)
- Green (62%)
- Blue (48%)



- Red (48%)
- Yellow (62%)
- Blue (51%)



- Cyan (4%)
- Magenta (0%)
- Yellow (23%)
- Black (38%)





- Cyan (40%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8768, 0.3396, 0.3869 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 32.8768, 0.3396, 0.3869 by changing the saturation by 10% instead.


 32.8768, 0.3396,
0.3869


 32.8768, 0.3396,
0.3869


315.0942, 0.3258,
0.3557

 22.0321, 0.3431,
0.3955


 64.1831, 0.3345,
0.3750

 13.8805, 0.3477,
0.4069


 85.4135, 0.3326,
0.3707

 8.0376, 0.3537,
0.4231


 110.8746, 0.3310,
0.3672

 4.1190, 0.3618,
0.4472

140.9508, 0.3297,
0.3642

 1.7404, 0.3835,
0.5011

176.0265, 0.3285,
0.3616

 0.4496, 0.3150,
0.6850

216.4860, 0.3275,

 0.0000, 0.0000,

0.3594

0.0000

262.7138, 0.3266,
0.3574

■ 32.8768, 0.3396,
0.3869

■ 32.8768, 0.3396,
0.3869

■ 32.2280, 0.3509,
0.4128

■ 33.6005, 0.3280,
0.3613

■ 31.6464, 0.3615,
0.4383

■ 34.3976, 0.3164,
0.3368

■ 31.1301, 0.3708,
0.4624

■ 35.2724, 0.3052,
0.3135

■ 30.6754, 0.3783,
0.4841

■ 36.2276, 0.2945,
0.2920

■ 30.2779, 0.3837,
0.5024

■ 37.2656, 0.2845,
0.2721

■ 29.9329, 0.3866,
0.5166

■ 38.3889, 0.2751,
0.2540

■ 29.6347, 0.3870,
0.5263

■ 39.5996, 0.2665,
0.2376

■ 29.4506, 0.3865,
0.5313

■ 40.9001, 0.2586,
0.2228

■ 41.6234, 0.2573,
0.2182

Harmonies

Analogous

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



32.8768, 0.3654, 0.3797



32.8768, 0.3396, 0.3869



32.8768, 0.3075, 0.3767

Triad

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



32.8768, 0.3396, 0.3869



32.8768, 0.2522, 0.2938



32.8768, 0.3475, 0.3074

Complementary

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



32.8768, 0.3396, 0.3869



21.0959, 0.2817, 0.2668

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.



32.8768, 0.3154, 0.2871



32.8768, 0.3396, 0.3869



32.8768, 0.2615, 0.2786

Square

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



32.8768, 0.3396, 0.3869



32.8768, 0.2580, 0.3203



32.8768, 0.2841, 0.2766



32.8768, 0.3705, 0.3333

Rectangle

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



32.8768, 0.3396, 0.3869



32.8768, 0.2869, 0.3610



32.8768, 0.2841, 0.2766



32.8768, 0.3373, 0.2997

Sweetspot

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



32.8783, 0.3396, 0.3869



61.0273, 0.3209, 0.3461



24.4238, 0.3569, 0.3400



13.7409, 0.3215, 0.3474



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



32.8783, 0.3396, 0.3869



58.2458, 0.3456, 0.4006



31.2508, 0.3211, 0.3904



7.6567, 0.3233, 0.3513



23.2752, 0.3868, 0.5311



0.4312, 0.4007, 0.5200

Inverse Universe

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



21.0959, 0.2817, 0.2668



33.3313, 0.2734, 0.2507



22.6557, 0.3020, 0.2703



6.4929, 0.3015, 0.3061



2.2119, 0.1604, 0.0657



0.0541, 0.1931, 0.0838

Previews

White Background



This preview shows how the Yxy color 32.8768, 0.3396, 0.3869 looks on a white background.

Color Contrast Check

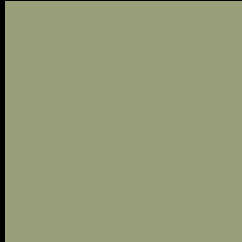
Large Text (above 18pt) WCAG AA × Fail

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 32.8768, 0.3396, 0.3869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

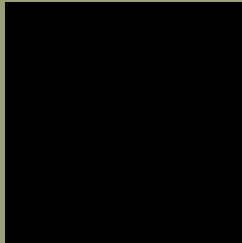
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8768, 0.3396, 0.3869

Background



This preview shows how black text looks on a background with the Yxy color 32.8768, 0.3396, 0.3869.



This preview shows how white text looks on a background with the Yxy color 32.8768, 0.3396, 0.3869.

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

32.8768, 0.3396, 0.3869

Protanopia

32.7981, 0.3565, 0.3818

Deuteranopia

32.7739, 0.3722, 0.3648



Tritanopia

32.7682, 0.3067, 0.3113

Trichromacy



Original Color

32.8768, 0.3396, 0.3869

Protanomaly

32.6310, 0.3499, 0.3826

Deuteranomaly

32.7586, 0.3597, 0.3735

Tritanomaly

32.6805, 0.3193, 0.3381

Monochromacy



Original Color

32.8768, 0.3396, 0.3869

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

32.1680, 0.3228, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8768, 0.3396, 0.3869 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(152, 159, 122)` looks like.

```
.text, #text, p{  
    color:rgb(152, 159, 122)  
}
```

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(152, 159, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 159, 122) }
```

Border

The CSS property to change the border of an element to Yxy 32.8768, 0.3396, 0.3869 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(152, 159, 122) }
```

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

```
.border{ border-color:rgb(152, 159, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 159, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 159, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 159, 122);  
box-shadow:4px 4px 4px 4px rgb(152, 159,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8768, 0.3396, 0.3869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 159, 122) }
```

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

```
.background{ background-color: rgb(152,  
159, 122) }
```

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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