

Converting Colors

$Yxy(32.8115, 0.3858, 0.4127)$

Have a look what the booklet for
Yxy(32.8115, 0.3858, 0.4127)
contains.

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Color

Yxy(32.6322, 0.3855, 0.4123)

Conversions

Conversions Part 1

Format	Color
Hex	AB9A61
RGB	171, 154, 97
RGB Percent	67%, 60%, 38%
CMY	0.3293, 0.3961, 0.6195
CMYK	0.00, 0.10, 0.43, 0.33
HSL	46°, 31%, 53%
HSV	46°, 43%, 67%
XYZ	30.5111, 32.6322, 16.0035
YIQ	152.5850, 28.4290, -14.1230

Conversions

Conversions Part 2

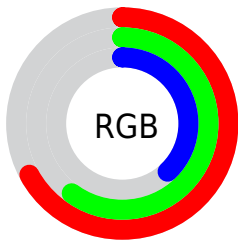
Format	Color
RYB	119, 171, 97
Decimal	11246177
CIELab	63.86, -1.88, 32.15
CIElCh	64, 32.200, 93.343
Yxy	32.6322, 0.3855, 0.4123
Android (android.graphics.Color)	4289436257 (0xFFAB9A61)
YUV	152.5850, -27.4034, 16.1500
Hunter-Lab	57.1246, -4.6286, 23.3771

Details

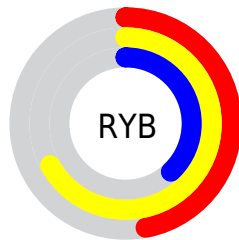
The Yxy color **32.6322, 0.3855, 0.4123** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.5257, 0.2384, 0.2282**, and the grayscale version is **31.7795, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.7438, 0.3725, 0.3964**, and **13.7042, 0.4067, 0.4375** is the 20% darker color. If you saturate the color by 10%, you get **31.0712, 0.4035, 0.4300**, and if you desaturate by 10%, it is **34.3076, 0.3674, 0.3932**.

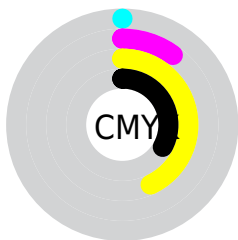
Distribution



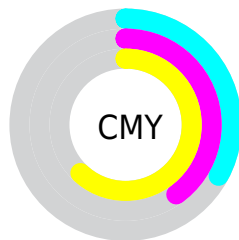
- Red (67%)
- Green (60%)
- Blue (38%)



- Red (47%)
- Yellow (67%)
- Blue (38%)



- Cyan (0%)
- Magenta (10%)
- Yellow (43%)
- Black (33%)




- Cyan (33%)
- Magenta (40%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.6322, 0.3855, 0.4123 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 32.6322, 0.3855, 0.4123 by changing the saturation by 10% instead.

 32.6322, 0.3855,
0.4123


 32.6322, 0.3855,
0.4123


313.9891, 0.3479,
0.3688


 21.8448, 0.3949,
0.4234


 63.8009, 0.3717,
0.3962

 13.7429, 0.4069,
0.4376


 84.9510, 0.3665,
0.3903

 7.9421, 0.4222,
0.4560

 110.3241, 0.3622,
0.3852

 4.0579, 0.4433,
0.4820

 140.3047, 0.3585,
0.3810

 1.7060, 0.4763,
0.5237

175.2771, 0.3553,
0.3773

 0.4275, 0.4575,
0.5425

215.6257, 0.3525,

 0.0000, 0.0000,

0.3741

0.0000

261.7349, 0.3500,
0.3713

■ 32.6322, 0.3855,
0.4123

■ 32.6322, 0.3855,
0.4123

■ 31.0712, 0.4035,
0.4300

■ 34.3076, 0.3674,
0.3932

■ 29.6151, 0.4208,
0.4452

■ 36.0972, 0.3498,
0.3735

■ 28.2601, 0.4365,
0.4570

■ 38.0068, 0.3331,
0.3540

■ 27.0000, 0.4498,
0.4646

■ 40.0401, 0.3175,
0.3350

■ 25.8276, 0.4604,
0.4676

■ 42.2009, 0.3032,
0.3170

■ 25.0774, 0.4665,
0.4678

■ 44.4927, 0.2902,
0.3001

■ 46.9186, 0.2784,
0.2845

■ 49.4820, 0.2678,
0.2701

■ 52.1858, 0.2583,
0.2568

Harmonies

Analogous

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



32.6322, 0.4113, 0.3825



32.6322, 0.3855, 0.4123



32.6322, 0.3411, 0.4204

Triad

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



32.6322, 0.3855, 0.4123



32.6322, 0.2250, 0.3022



32.6322, 0.3288, 0.2719

Complementary

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



32.6322, 0.3855, 0.4123



17.5257, 0.2384, 0.2282

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.



32.6322, 0.2787, 0.2522



32.6322, 0.3855, 0.4123



32.6322, 0.2223, 0.2660

Square

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



32.6322, 0.3855, 0.4123



32.6322, 0.2492, 0.3518



32.6322, 0.2410, 0.2494



32.6322, 0.3779, 0.3042

Rectangle

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



32.6322, 0.3855, 0.4123



32.6322, 0.3075, 0.4089



32.6322, 0.2410, 0.2494



32.6322, 0.3114, 0.2637

Sweetspot

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



32.6337, 0.3855, 0.4123



68.0683, 0.3330, 0.3539



18.4336, 0.3965, 0.3029



15.0107, 0.3366, 0.3581



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



32.6337, 0.3855, 0.4123



55.7302, 0.4029, 0.4294



36.6018, 0.3561, 0.4412



9.0131, 0.3268, 0.3464



18.9830, 0.4659, 0.4683



0.6036, 0.4493, 0.4815

Inverse Universe

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



17.5257, 0.2384, 0.2282



25.1402, 0.2203, 0.2010



15.2580, 0.2535, 0.2043



8.0450, 0.2986, 0.3110



3.3952, 0.1576, 0.0873



0.1762, 0.1735, 0.1446

Previews

White Background



This preview shows how the Yxy color 32.6322, 0.3855, 0.4123 looks on a white background.

Color Contrast Check

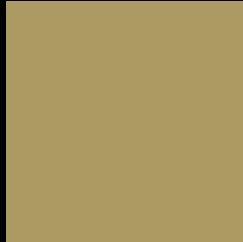
Large Text (above 18pt) WCAG AA × Fail

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 32.6322, 0.3855, 0.4123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

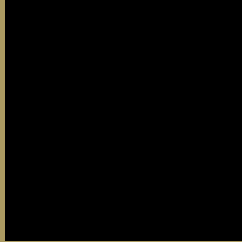
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.6322, 0.3855, 0.4123

Background



This preview shows how black text looks on a background with the Yxy color 32.6322, 0.3855, 0.4123.



This preview shows how white text looks on a background with the Yxy color 32.6322, 0.3855, 0.4123.

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

32.6322, 0.3855, 0.4123

Protanopia

32.7408, 0.3827, 0.4144

Deuteranopia

32.6264, 0.4059, 0.3978



Tritanopia

32.6832, 0.3332, 0.3135

Trichromacy



Original Color

32.6322, 0.3855, 0.4123

Protanomaly

32.8518, 0.3838, 0.4140

Deuteranomaly

32.5183, 0.3980, 0.4023

Tritanomaly

32.7042, 0.3529, 0.3494

Monochromacy



Original Color

32.6322, 0.3855, 0.4123

Achromatopsia

31.8547, 0.3127, 0.3290

Achromatomaly

31.9495, 0.3391, 0.3596

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.6322, 0.3855, 0.4123 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(171, 154, 97)` looks like.

```
.text, #text, p{  
    color:rgb(171, 154, 97)  
}
```

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(171, 154, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 154, 97) }
```

Border

The CSS property to change the border of an element to Yxy 32.6322, 0.3855, 0.4123 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(171, 154, 97) }
```

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

```
.border{ border-color:rgb(171, 154, 97) }
```

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

Here you see how a box with a 4 pixel rgb(171, 154, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 154, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 154, 97);  
box-shadow:4px 4px 4px 4px rgb(171, 154,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 32.6322, 0.3855, 0.4123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 154, 97) }
```

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

```
.background{ background-color: rgb(171,  
154, 97) }
```

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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