

Converting Colors

$Yxy(32.3368, 0.3593, 0.3882)$

Have a look what the booklet for
Yxy(32.3368, 0.3593, 0.3882)
contains.

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Color

Yxy(32.1355, 0.3596, 0.3884)

Conversions

Conversions Part 1

Format	Color
Hex	A39A73
RGB	163, 154, 115
RGB Percent	64%, 60%, 45%
CMY	0.3608, 0.3960, 0.5491
CMYK	0.00, 0.06, 0.29, 0.36
HSL	49°, 21%, 55%
HSV	49°, 29%, 64%
XYZ	29.7526, 32.1355, 20.8500
YIQ	152.2450, 17.8830, -10.2210

Conversions

Conversions Part 2

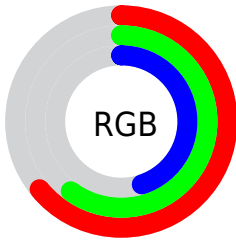
Format	Color
RYB	126, 163, 115
Decimal	10721907
CIELab	63.45, -2.98, 21.71
CIELCh	63, 21.917, 97.822
Yxy	32.1355, 0.3596, 0.3884
Android (android.graphics.Color)	4288911987 (0xFFA39A73)
YUV	152.2450, -18.3618, 9.4321
Hunter-Lab	56.6882, -5.5191, 17.8748

Details

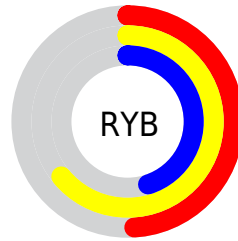
The Yxy color **32.1355, 0.3596, 0.3884** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.6966, 0.2639, 0.2616**, and the grayscale version is **31.5857, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.8072, 0.3503, 0.3764**, and **13.4853, 0.3745, 0.4066** is the 20% darker color. If you saturate the color by 10%, you get **30.7999, 0.3768, 0.4086**, and if you desaturate by 10%, it is **33.5660, 0.3428, 0.3678**.

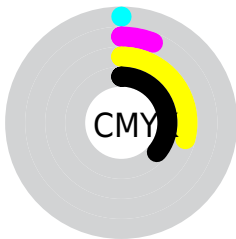
Distribution



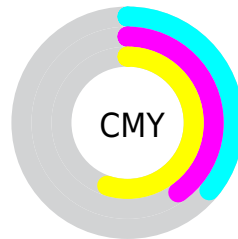
- Red (64%)
- Green (60%)
- Blue (45%)



- Red (49%)
- Yellow (64%)
- Blue (45%)



- Cyan (0%)
- Magenta (6%)
- Yellow (29%)
- Black (36%)





- Cyan (36%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.1355, 0.3596, 0.3884 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 32.1355, 0.3596, 0.3884 by changing the saturation by 10% instead.


 32.1355, 0.3596,
0.3884


 32.1355, 0.3596,
0.3884


311.7360, 0.3350,
0.3568


 21.4650, 0.3660,
0.3969


 63.0234, 0.3504,
0.3765


 13.4643, 0.3744,
0.4080


 84.0097, 0.3470,
0.3721

 7.7491, 0.3857,
0.4234


 109.2033, 0.3442,
0.3685

 3.9348, 0.4015,
0.4455

 138.9888, 0.3418,
0.3655

 1.6372, 0.4542,
0.5132

173.7503, 0.3398,
0.3628

 0.3825, 0.4318,
0.5682

213.8725, 0.3380,

 0.0000, 0.0000,

0.3606

0.0000

259.7396, 0.3364,
0.3586

■ 32.1355, 0.3596,
0.3884

■ 32.1355, 0.3596,
0.3884

■ 30.7999, 0.3768,
0.4086

■ 33.5660, 0.3428,
0.3678

■ 29.5511, 0.3939,
0.4277

■ 35.0904, 0.3269,
0.3475

■ 28.3866, 0.4102,
0.4446

■ 36.7133, 0.3119,
0.3280

■ 27.3019, 0.4252,
0.4585

■ 38.4379, 0.2981,
0.3094

■ 26.2921, 0.4380,
0.4684

■ 40.2670, 0.2855,
0.2921

■ 25.3513, 0.4481,
0.4740

■ 42.2033, 0.2741,
0.2761

■ 24.4673, 0.4559,
0.4758

■ 44.2494, 0.2638,
0.2614

■ 24.4198, 0.4564,
0.4758

■ 46.4079, 0.2545,
0.2479

■ 48.2434, 0.2497,
0.2421

Harmonies

Analogous

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



32.1355, 0.3790, 0.3712



32.1355, 0.3596, 0.3884



32.1355, 0.3281, 0.3893

Triad

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



32.1355, 0.3596, 0.3884



32.1355, 0.2499, 0.3072



32.1355, 0.3295, 0.2917

Complementary

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



32.1355, 0.3596, 0.3884



20.6966, 0.2639, 0.2616

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.



32.1355, 0.2945, 0.2760



32.1355, 0.3596, 0.3884



32.1355, 0.2501, 0.2832

Square

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



32.1355, 0.3596, 0.3884



32.1355, 0.2654, 0.3399



32.1355, 0.2659, 0.2726



32.1355, 0.3614, 0.3162

Rectangle

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



32.1355, 0.3596, 0.3884



32.1355, 0.3049, 0.3791



32.1355, 0.2659, 0.2726



32.1355, 0.3177, 0.2853

Sweetspot

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



32.1370, 0.3596, 0.3884



62.9305, 0.3264, 0.3469



21.5145, 0.3635, 0.3140



14.0458, 0.3286, 0.3497



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



32.1370, 0.3596, 0.3884



56.0572, 0.3702, 0.4010



33.7807, 0.3413, 0.4044



8.0108, 0.3266, 0.3471



19.0422, 0.4560, 0.4762



0.4551, 0.4406, 0.4883

Inverse Universe

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



20.6966, 0.2639, 0.2616



32.3773, 0.2523, 0.2447



19.6003, 0.2776, 0.2490



7.0646, 0.2987, 0.3102



2.8485, 0.1556, 0.0801



0.1157, 0.1716, 0.1377

Previews

White Background



This preview shows how the Yxy color 32.1355, 0.3596, 0.3884 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 32.1355, 0.3596, 0.3884 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

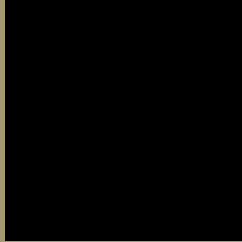
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

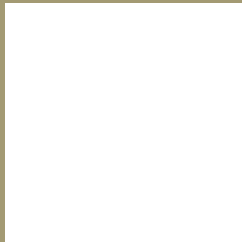
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 32.1355, 0.3596, 0.3884

Background



This preview shows how black text looks on a background with the Yxy color 32.1355, 0.3596, 0.3884.



This preview shows how white text looks on a background with the Yxy color 32.1355, 0.3596, 0.3884.

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

32.1355, 0.3596, 0.3884

Protanopia

32.0196, 0.3622, 0.3865

Deuteranopia

31.9521, 0.3815, 0.3734



Tritanopia

32.0427, 0.3217, 0.3116

Trichromacy



Original Color

32.1355, 0.3596, 0.3884

Protanomaly

31.9128, 0.3611, 0.3867

Deuteranomaly

32.0723, 0.3723, 0.3789

Tritanomaly

31.9333, 0.3352, 0.3380

Monochromacy



Original Color

32.1355, 0.3596, 0.3884

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.7145, 0.3290, 0.3506

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.1355, 0.3596, 0.3884 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(163, 154, 115)` looks like.

```
.text, #text, p{  
    color:rgb(163, 154, 115)  
}
```

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(163, 154, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 154, 115) }
```

Border

The CSS property to change the border of an element to Yxy 32.1355, 0.3596, 0.3884 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(163, 154, 115) }
```

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

```
.border{ border-color:rgb(163, 154, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 154, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 154, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 154, 115);  
box-shadow:4px 4px 4px 4px rgb(163, 154,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 32.1355, 0.3596, 0.3884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 154, 115) }
```

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

```
.background{ background-color: rgb(163,  
154, 115) }
```

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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