

Converting Colors

$Yxy(32.9018, 0.3863, 0.3693)$

Have a look what the booklet for
Yxy(32.9018, 0.3863, 0.3693)
contains.

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Color

Yxy(32.8668, 0.3871, 0.3694)

Conversions

Conversions Part 1

Format	Color
Hex	BC9376
RGB	188, 147, 118
RGB Percent	74%, 58%, 46%
CMY	0.2628, 0.4235, 0.5373
CMYK	0.00, 0.22, 0.37, 0.26
HSL	25°, 34%, 60%
HSV	25°, 37%, 74%
XYZ	34.4416, 32.8668, 21.6650
YIQ	155.9530, 33.7450, -0.3270

Conversions

Conversions Part 2

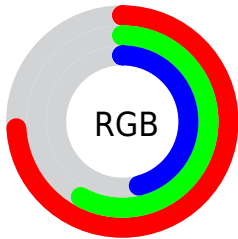
Format	Color
RYB	188, 168, 118
Decimal	12358518
CIELab	64.05, 11.41, 21.26
CIELCh	64, 24.130, 61.779
Yxy	32.8668, 0.3871, 0.3694
Android (android.graphics.Color)	4290548598 (0xFFBC9376)
YUV	155.9530, -18.7108, 28.1052
Hunter-Lab	57.3296, 6.9099, 17.7248

Details

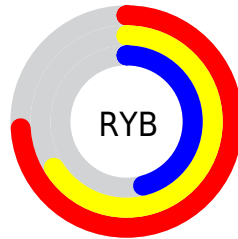
The Yxy color **32.8668, 0.3871, 0.3694** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **32.2712, 0.2550, 0.2843**, and the grayscale version is **33.2978, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.0880, 0.3721, 0.3624**, and **13.7820, 0.4123, 0.3806** is the 20% darker color. If you saturate the color by 10%, you get **29.2036, 0.4140, 0.3802**, and if you desaturate by 10%, it is **36.9498, 0.3632, 0.3582**.

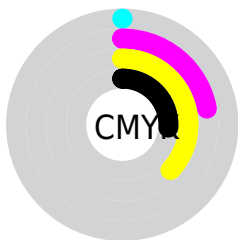
Distribution



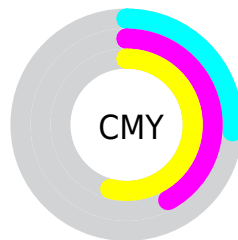
- Red (74%)
- Green (58%)
- Blue (46%)



- Red (74%)
- Yellow (66%)
- Blue (46%)



- Cyan (0%)
- Magenta (22%)
- Yellow (37%)
- Black (26%)





- Cyan (26%)
- Magenta (42%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 32.8668, 0.3871, 0.3694 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 32.8668, 0.3871, 0.3694 by changing the saturation by 10% instead.

 32.8668, 0.3871,
0.3694


 32.8668, 0.3871,
0.3694


315.0491, 0.3476,
0.3491


 22.0244, 0.3977,
0.3743


 64.1675, 0.3722,
0.3621

 13.8748, 0.4116,
0.3805


 85.3946, 0.3668,
0.3593

 8.0337, 0.4308,
0.3883


 110.8521, 0.3622,
0.3570

 4.1165, 0.4583,
0.3980

140.9244, 0.3584,
0.3550

 1.7389, 0.5224,
0.4267

175.9959, 0.3551,
0.3532

 0.4487, 0.6111,
0.3889

216.4509, 0.3523,

 0.0000, 0.0000,

0.3517

0.0000

262.6738, 0.3498,
0.3503

■ 32.8668, 0.3871,
0.3694

■ 32.8668, 0.3871,
0.3694

■ 29.2036, 0.4140,
0.3802

■ 36.9498, 0.3632,
0.3582

■ 25.9411, 0.4435,
0.3896

■ 41.4615, 0.3423,
0.3470

■ 23.0654, 0.4747,
0.3965


■ 46.4166, 0.3242,
0.3363

■ 20.5597, 0.5058,
0.3997


■ 51.8275, 0.3086,
0.3263


■ 18.4058, 0.5347,
0.3980


■ 57.7059, 0.2953,
0.3170

 16.5815, 0.5593,
0.3912

 64.0633, 0.2838,
0.3084

 16.1285, 0.5657,
0.3890

 70.9107, 0.2738,
0.3006

 77.3661, 0.2721,
0.3072

 83.8680, 0.2732,
0.3193

Harmonies

Analogous

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



32.8668, 0.3838, 0.3395



32.8668, 0.3871, 0.3694



32.8668, 0.3694, 0.3912

Triad

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



32.8668, 0.3871, 0.3694



32.8668, 0.2663, 0.3483



32.8668, 0.2856, 0.2696

Complementary

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



32.8668, 0.3871, 0.3694



32.2712, 0.2550, 0.2843

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.



32.8668, 0.2570, 0.2687



32.8668, 0.3871, 0.3694



32.8668, 0.2464, 0.3116

Square

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



32.8668, 0.3871, 0.3694



32.8668, 0.2991, 0.3808



32.8668, 0.2432, 0.2831



32.8668, 0.3232, 0.2842

Rectangle

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



32.8668, 0.3871, 0.3694



32.8668, 0.3488, 0.3971



32.8668, 0.2432, 0.2831



32.8668, 0.2747, 0.2676

Sweetspot

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



32.8683, 0.3871, 0.3694



80.4888, 0.3310, 0.3405



26.1836, 0.3486, 0.2719



17.0465, 0.3335, 0.3419



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



32.8683, 0.3871, 0.3694



53.8792, 0.4098, 0.3786



45.0448, 0.3709, 0.4122



10.1685, 0.3278, 0.3386



11.1209, 0.5636, 0.3907



0.5649, 0.5209, 0.4246

Inverse Universe

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



32.2712, 0.2550, 0.2843



52.6131, 0.2422, 0.2721



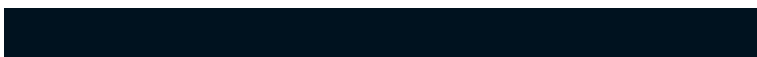
22.1468, 0.2472, 0.2292



10.1284, 0.2984, 0.3193



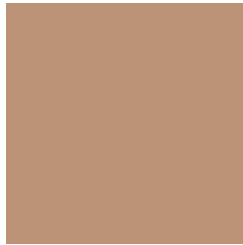
10.2256, 0.1858, 0.1889



0.5268, 0.1961, 0.2261

Previews

White Background



This preview shows how the Yxy color 32.8668, 0.3871, 0.3694 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 32.8668, 0.3871, 0.3694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

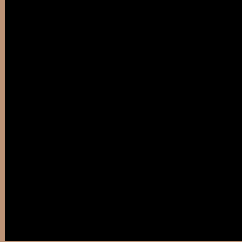
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 32.8668, 0.3871, 0.3694

Background



This preview shows how black text looks on a background with the Yxy color 32.8668, 0.3871, 0.3694.



This preview shows how white text looks on a background with the Yxy color 32.8668, 0.3871, 0.3694.

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

32.8668, 0.3871, 0.3694

Protanopia

32.9548, 0.3556, 0.3785

Deuteranopia

32.8702, 0.3806, 0.3730



Tritanopia

32.8524, 0.3555, 0.3143

Trichromacy



Original Color

32.8668, 0.3871, 0.3694

Protanomaly

32.8356, 0.3664, 0.3744

Deuteranomaly

32.8021, 0.3833, 0.3713

Tritanomaly

32.9163, 0.3679, 0.3346

Monochromacy



Original Color

32.8668, 0.3871, 0.3694

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.0603, 0.3386, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 32.8668, 0.3871, 0.3694 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(188, 147, 118)` looks like.

```
.text, #text, p{  
    color:rgb(188, 147, 118)  
}
```

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(188, 147, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 147, 118) }
```

Border

The CSS property to change the border of an element to Yxy 32.8668, 0.3871, 0.3694 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(188, 147, 118) }
```

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

```
.border{ border-color:rgb(188, 147, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 147, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 147, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 147, 118);  
box-shadow:4px 4px 4px 4px rgb(188, 147,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 32.8668, 0.3871, 0.3694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 147, 118) }
```

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

```
.background{ background-color: rgb(188,  
147, 118) }
```

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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