

Converting Colors

$Yxy(34.3643, 0.3772, 0.3799)$

Have a look what the booklet for
Yxy(34.3643, 0.3772, 0.3799)
contains.

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Color

Yxy(34.3643, 0.3772, 0.3799)

Conversions

Conversions Part 1

Format	Color
Hex	B69A76
RGB	182, 154, 118
RGB Percent	71%, 60%, 46%
CMY	0.2862, 0.3961, 0.5373
CMYK	0.00, 0.15, 0.35, 0.29
HSL	34°, 30%, 59%
HSV	34°, 35%, 71%
XYZ	34.1201, 34.3643, 21.9718
YIQ	158.2680, 28.2440, -5.2600

Conversions

Conversions Part 2

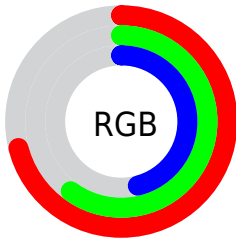
Format	Color
RYB	168, 182, 118
Decimal	11967094
CIELab	65.25, 5.13, 22.78
CIElCh	65, 23.350, 77.296
Yxy	34.3643, 0.3772, 0.3799
Android (android.graphics.Color)	4290157174 (0xFFB69A76)
YUV	158.2680, -19.8521, 20.8130
Hunter-Lab	58.6211, 1.3081, 18.8122

Details

The Yxy color **34.3643, 0.3772, 0.3799** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.7918, 0.2562, 0.2718**, and the grayscale version is **34.4036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.3648, 0.3651, 0.3704**, and **14.7194, 0.3982, 0.3953** is the 20% darker color. If you saturate the color by 10%, you get **31.4311, 0.3999, 0.3944**, and if you desaturate by 10%, it is **37.5587, 0.3563, 0.3650**.

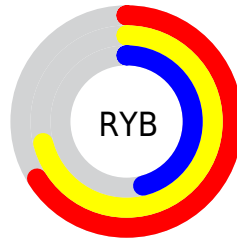
Distribution



Red (71%)

Green (60%)

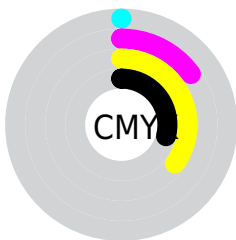
Blue (46%)



Red (66%)

Yellow (71%)

Blue (46%)

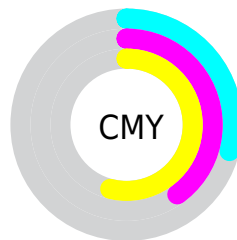


Cyan (0%)

Magenta (15%)

Yellow (35%)

Black (29%)



Cyan (29%)


Magenta (40%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3643, 0.3772, 0.3799 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 34.3643, 0.3772, 0.3799 by changing the saturation by 10% instead.


 34.3643, 0.3772,
0.3799


 34.3643, 0.3772,
0.3799


321.7534, 0.3434,
0.3538


 23.1736, 0.3861,
0.3865


 66.4998, 0.3646,
0.3703

 14.7217, 0.3977,
0.3949


 88.2134, 0.3599,
0.3668

 8.6243, 0.4134,
0.4059


 114.2034, 0.3560,
0.3638

 4.4970, 0.4355,
0.4207

144.8542, 0.3527,
0.3612

 1.9553, 0.4858,
0.4568

180.5502, 0.3499,
0.3590

 0.5813, 0.5383,
0.4617

221.6758, 0.3474,

 0.0000, 0.0000,

0.3570

0.0000

268.6154, 0.3453,
0.3553

■ 34.3643, 0.3772,
0.3799

■ 34.3643, 0.3772,
0.3799

■ 31.4311, 0.3999,
0.3944

■ 37.5587, 0.3563,
0.3650

■ 28.7462, 0.4240,
0.4076

■ 41.0173, 0.3375,
0.3502

■ 26.3024, 0.4487,
0.4185


■ 44.7488, 0.3206,
0.3360

■ 24.0902, 0.4728,
0.4258


■ 48.7604, 0.3058,
0.3227

■ 22.0988, 0.4949,
0.4284


■ 53.0587, 0.2927,
0.3102


 20.3162, 0.5138,
0.4258

 57.6500, 0.2811,
0.2987

 19.5206, 0.5224,
0.4234

 62.5406, 0.2710,
0.2881

 67.1693, 0.2667,
0.2873

 71.3940, 0.2676,
0.2964

Harmonies

Analogous

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



34.3643, 0.3847, 0.3545



34.3643, 0.3772, 0.3799



34.3643, 0.3521, 0.3933

Triad

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



34.3643, 0.3772, 0.3799



34.3643, 0.2567, 0.3290



34.3643, 0.3049, 0.2779

Complementary

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



34.3643, 0.3772, 0.3799



27.7918, 0.2562, 0.2718

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.



34.3643, 0.2722, 0.2700



34.3643, 0.3772, 0.3799



34.3643, 0.2457, 0.2970

Square

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



34.3643, 0.3772, 0.3799



34.3643, 0.2825, 0.3636



34.3643, 0.2512, 0.2762



34.3643, 0.3416, 0.2975

Rectangle

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



34.3643, 0.3772, 0.3799



34.3643, 0.3293, 0.3921



34.3643, 0.2512, 0.2762



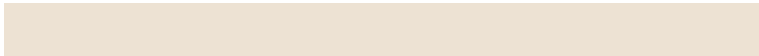
34.3643, 0.2931, 0.2738

Sweetspot

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



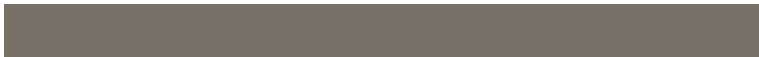
34.3659, 0.3772, 0.3799



76.9843, 0.3305, 0.3445



25.0033, 0.3577, 0.2882



16.8045, 0.3328, 0.3464



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



34.3659, 0.3772, 0.3799



58.2393, 0.3942, 0.3909



44.3338, 0.3618, 0.4161



9.8275, 0.3274, 0.3419



13.9162, 0.5209, 0.4246



0.6115, 0.4881, 0.4507

Inverse Universe

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



27.7918, 0.2562, 0.2718



44.5922, 0.2436, 0.2571



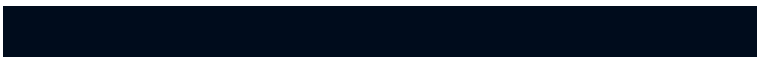
20.4127, 0.2530, 0.2262



9.3488, 0.2985, 0.3158



6.5287, 0.1722, 0.1399



0.3538, 0.1864, 0.1912

Previews

White Background



This preview shows how the Yxy color 34.3643, 0.3772, 0.3799 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 34.3643, 0.3772, 0.3799 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

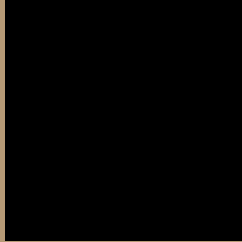
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3643, 0.3772, 0.3799

Background



This preview shows how black text looks on a background with the Yxy color 34.3643, 0.3772, 0.3799.



This preview shows how white text looks on a background with the Yxy color 34.3643, 0.3772, 0.3799.

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

34.3643, 0.3772, 0.3799

Protanopia

34.3558, 0.3607, 0.3849

Deuteranopia

34.3293, 0.3835, 0.3762



Tritanopia

34.2827, 0.3415, 0.3128

Trichromacy



Original Color

34.3643, 0.3772, 0.3799

Protanomaly

34.4445, 0.3663, 0.3842

Deuteranomaly

34.4048, 0.3809, 0.3780

Tritanomaly

34.1713, 0.3543, 0.3361

Monochromacy



Original Color

34.3643, 0.3772, 0.3799

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.3126, 0.3358, 0.3496

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3643, 0.3772, 0.3799 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(182, 154, 118)` looks like.

```
.text, #text, p{  
    color:rgb(182, 154, 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(182, 154, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 154, 118) }
```

Border

The CSS property to change the border of an element to Yxy 34.3643, 0.3772, 0.3799 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(182, 154, 118) }
```

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

```
.border{ border-color:rgb(182, 154, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 154, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 154, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 154, 118);  
box-shadow:4px 4px 4px 4px rgb(182, 154,  
118) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3643, 0.3772, 0.3799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 154, 118) }
```

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

```
.background{ background-color: rgb(182,  
154, 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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