

Converting Colors

$Yxy(34.7900, 0.3909, 0.3773)$

Have a look what the booklet for
Yxy(34.7900, 0.3909, 0.3773)
contains.

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Color

Yxy(34.9239, 0.3909, 0.3780)

Conversions

Conversions Part 1

Format	Color
Hex	C09874
RGB	192, 152, 116
RGB Percent	75%, 60%, 45%
CMY	0.2471, 0.4039, 0.5452
CMYK	0.00, 0.21, 0.40, 0.25
HSL	28°, 38%, 60%
HSV	28°, 40%, 75%
XYZ	36.1157, 34.9239, 21.3516
YIQ	159.8560, 35.3960, -2.7160

Conversions

Conversions Part 2

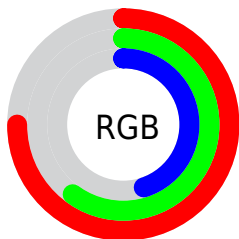
Format	Color
R_{YB}	192, 184, 116
Decimal	12621940
CIE _{Lab}	65.69, 10.04, 24.65
CIE _{LCh}	66, 26.616, 67.835
Yxy	34.9239, 0.3909, 0.3780
Android (android.graphics.Color)	4290812020 (0xFFC09874)
YUV	159.8560, -21.6210, 28.1903
Hunter-Lab	59.0964, 5.6683, 19.9460

Details

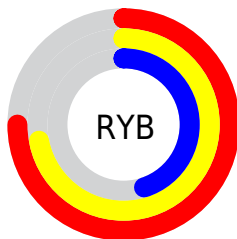
The Yxy color **34.9239, 0.3909, 0.3780** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **31.2773, 0.2502, 0.2737**, and the grayscale version is **35.1729, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2938, 0.3761, 0.3692**, and **15.0310, 0.4164, 0.3916** is the 20% darker color. If you saturate the color by 10%, you get **31.3844, 0.4168, 0.3900**, and if you desaturate by 10%, it is **38.8381, 0.3674, 0.3653**.

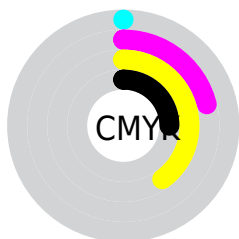
Distribution



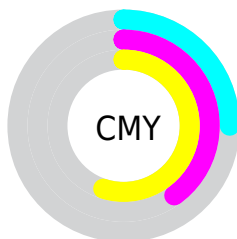
- Red (75%)
- Green (60%)
- Blue (45%)



- Red (75%)
- Yellow (72%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (40%)
- Black (25%)





- Cyan (25%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9239, 0.3909, 0.3780 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 34.9239, 0.3909, 0.3780 by changing the saturation by 10% instead.


 34.9239, 0.3909,
0.3780


 34.9239, 0.3909,
0.3780


324.2323, 0.3499,
0.3535

 23.6043, 0.4016,
0.3839


 67.3679, 0.3756,
0.3692

 15.0403, 0.4156,
0.3912


 89.2610, 0.3700,
0.3659

 8.8477, 0.4345,
0.4005


 115.4474, 0.3653,
0.3630

 4.6420, 0.4609,
0.4119

146.3114, 0.3613,
0.3606

 2.0388, 0.5207,
0.4428

182.2376, 0.3578,
0.3585

 0.6298, 0.5726,
0.4274

223.6101, 0.3548,

 0.0000, 0.0000,

0.3566

0.0000

270.8136, 0.3522,
0.3550

■ 34.9239, 0.3909,
0.3780

■ 34.9239, 0.3909,
0.3780

■ 31.3844, 0.4168,
0.3900

■ 38.8381, 0.3674,
0.3653

■ 28.2020, 0.4446,
0.4003

■ 43.1340, 0.3465,
0.3525

■ 25.3648, 0.4732,
0.4078

■ 47.8244, 0.3281,
0.3402

■ 22.8580, 0.5011,
0.4112

■ 52.9203, 0.3121,
0.3285

■ 20.6652, 0.5263,
0.4094

■ 58.4318, 0.2982,
0.3177

■ 18.7624, 0.5478,
0.4028

■ 64.3688, 0.2862,
0.3076

■ 18.6905, 0.5487,
0.4025

■ 70.7410, 0.2757,
0.2984

■ 76.5835, 0.2741,
0.3049

■ 82.4582, 0.2751,
0.3159

Harmonies

Analogous

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



34.9239, 0.3923, 0.3468



34.9239, 0.3909, 0.3780



34.9239, 0.3677, 0.3990

Triad

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



34.9239, 0.3909, 0.3780



34.9239, 0.2570, 0.3416



34.9239, 0.2910, 0.2673

Complementary

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



34.9239, 0.3909, 0.3780



31.2773, 0.2502, 0.2737

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.



34.9239, 0.2578, 0.2630



34.9239, 0.3909, 0.3780



34.9239, 0.2392, 0.3027

Square

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



34.9239, 0.3909, 0.3780



34.9239, 0.2900, 0.3793



34.9239, 0.2396, 0.2749



34.9239, 0.3324, 0.2855

Rectangle

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



34.9239, 0.3909, 0.3780



34.9239, 0.3437, 0.4028



34.9239, 0.2396, 0.2749



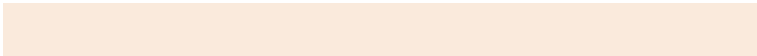
34.9239, 0.2786, 0.2642

Sweetspot

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



34.9255, 0.3909, 0.3780



84.3871, 0.3326, 0.3434



26.1075, 0.3579, 0.2746



17.8606, 0.3350, 0.3450



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



34.9255, 0.3909, 0.3780



57.3778, 0.4146, 0.3891



49.0575, 0.3724, 0.4231



10.8478, 0.3277, 0.3399



12.7318, 0.5467, 0.4041



0.6880, 0.5110, 0.4324

Inverse Universe

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



31.2773, 0.2502, 0.2737



49.7923, 0.2360, 0.2582



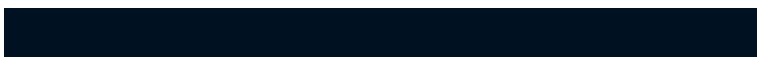
20.5929, 0.2410, 0.2135



10.6050, 0.2984, 0.3178



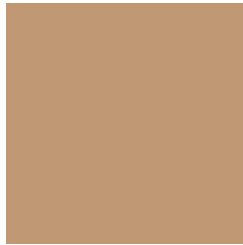
8.9778, 0.1801, 0.1682



0.5251, 0.1909, 0.2072

Previews

White Background



This preview shows how the Yxy color 34.9239, 0.3909, 0.3780 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 34.9239, 0.3909, 0.3780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

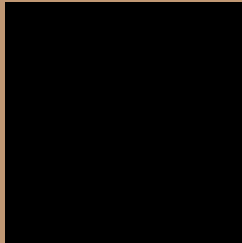
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9239, 0.3909, 0.3780

Background



This preview shows how black text looks on a background with the Yxy color 34.9239, 0.3909, 0.3780.



This preview shows how white text looks on a background with the Yxy color 34.9239, 0.3909, 0.3780.

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

34.9239, 0.3909, 0.3780

Protanopia

35.1314, 0.3619, 0.3889

Deuteranopia

34.8622, 0.3872, 0.3799



Tritanopia

34.7622, 0.3534, 0.3133

Trichromacy



Original Color

34.9239, 0.3909, 0.3780

Protanomaly

35.0057, 0.3726, 0.3845

Deuteranomaly

34.9906, 0.3882, 0.3797

Tritanomaly

34.7651, 0.3676, 0.3359

Monochromacy



Original Color

34.9239, 0.3909, 0.3780

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.8982, 0.3399, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9239, 0.3909, 0.3780 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(192, 152, 116)` looks like.

```
.text, #text, p{  
    color:rgb(192, 152, 116)  
}
```

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(192, 152, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 152, 116) }
```

Border

The CSS property to change the border of an element to Yxy 34.9239, 0.3909, 0.3780 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(192, 152, 116) }
```

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

```
.border{ border-color:rgb(192, 152, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 152, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 152, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 152, 116);  
box-shadow:4px 4px 4px 4px rgb(192, 152,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9239, 0.3909, 0.3780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 152, 116) }
```

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

```
.background{ background-color: rgb(192,  
152, 116) }
```

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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