

Converting Colors

$Yxy(34.7649, 0.3706, 0.3890)$

Have a look what the booklet for
Yxy(34.7649, 0.3706, 0.3890)
contains.

Yxy(34.9448, 0.3709, 0.3894)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(34.9448, 0.3709, 0.3894)

Conversions

Conversions Part 1

Format	Color
Hex	B09E74
RGB	176, 158, 116
RGB Percent	69%, 62%, 45%
CMY	0.3098, 0.3804, 0.5451
CMYK	0.00, 0.10, 0.34, 0.31
HSL	42°, 28%, 57%
HSV	42°, 34%, 69%
XYZ	33.2846, 34.9448, 21.5107
YIQ	158.5940, 24.2100, -9.2460

Conversions

Conversions Part 2

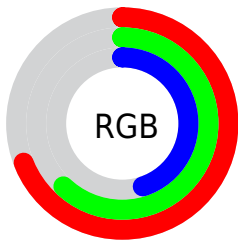
Format	Color
RYB	142, 176, 116
Decimal	11574900
CIELab	65.71, 0.25, 24.39
CIELCh	66, 24.390, 89.414
Yxy	34.9448, 0.3709, 0.3894
Android (android.graphics.Color)	4289764980 (0xFFB09E74)
YUV	158.5940, -20.9988, 15.2651
Hunter-Lab	59.1141, -2.9441, 19.8052

Details

The Yxy color **34.9448, 0.3709, 0.3894** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.8967, 0.2564, 0.2600**, and the grayscale version is **34.5661, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.5715, 0.3595, 0.3787**, and **15.0582, 0.3883, 0.4090** is the 20% darker color. If you saturate the color by 10%, you get **32.8119, 0.3904, 0.4070**, and if you desaturate by 10%, it is **37.2359, 0.3522, 0.3713**.

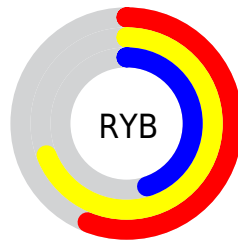
Distribution



Red (69%)

Green (62%)

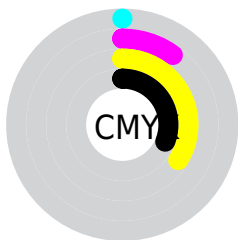
Blue (45%)



Red (56%)

Yellow (69%)

Blue (45%)

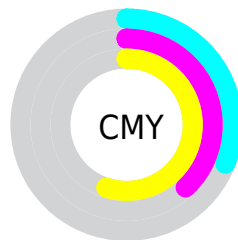


Cyan (0%)

Magenta (10%)

Yellow (34%)

Black (31%)



Cyan (31%)


Magenta (38%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9448, 0.3709, 0.3894 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 34.9448, 0.3709, 0.3894 by changing the saturation by 10% instead.

 34.9448, 0.3709,
0.3894


 34.9448, 0.3709,
0.3894


324.3246, 0.3407,
0.3581

 23.6204, 0.3787,
0.3975


 67.4002, 0.3597,
0.3778

 15.0522, 0.3888,
0.4079


 89.3000, 0.3556,
0.3735

 8.8561, 0.4022,
0.4218


 115.4937, 0.3521,
0.3699

 4.6474, 0.4207,
0.4408

146.3657, 0.3491,
0.3668

 2.0419, 0.4667,
0.4883

182.3004, 0.3466,
0.3642

 0.6317, 0.4898,
0.5102

223.6822, 0.3444,

 0.0000, 0.0000,

0.3619

0.0000

270.8955, 0.3424,
0.3599

■ 34.9448, 0.3709,
0.3894

■ 34.9448, 0.3709,
0.3894

■ 32.8119, 0.3904,
0.4070

■ 37.2359, 0.3522,
0.3713

■ 30.8271, 0.4103,
0.4233

■ 39.6854, 0.3348,
0.3533

■ 28.9861, 0.4299,
0.4371

■ 42.2996, 0.3188,
0.3359

■ 27.2826, 0.4481,
0.4475

■ 45.0830, 0.3043,
0.3194

■ 25.7093, 0.4641,
0.4535

■ 48.0397, 0.2913,
0.3040

■ 24.2576, 0.4772,
0.4546

■ 51.1738, 0.2795,
0.2897

■ 23.4477, 0.4841,
0.4538

■ 54.4893, 0.2691,
0.2765

■ 57.8734, 0.2607,
0.2663

■ 60.3657, 0.2615,
0.2725

Harmonies

Analogous

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



34.9448, 0.3869, 0.3669



34.9448, 0.3709, 0.3894



34.9448, 0.3395, 0.3963

Triad

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



34.9448, 0.3709, 0.3894



34.9448, 0.2480, 0.3145



34.9448, 0.3200, 0.2830

Complementary

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



34.9448, 0.3709, 0.3894



23.8967, 0.2564, 0.2600

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.



34.9448, 0.2832, 0.2695



34.9448, 0.3709, 0.3894



34.9448, 0.2435, 0.2853

Square

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



34.9448, 0.3709, 0.3894



34.9448, 0.2690, 0.3509



34.9448, 0.2559, 0.2698



34.9448, 0.3568, 0.3071

Rectangle

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



34.9448, 0.3709, 0.3894



34.9448, 0.3146, 0.3893



34.9448, 0.2559, 0.2698



34.9448, 0.3072, 0.2771

Sweetspot

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



34.9464, 0.3709, 0.3894



73.7932, 0.3284, 0.3464



23.4691, 0.3660, 0.3011



15.8530, 0.3306, 0.3488



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



34.9464, 0.3709, 0.3894



60.4008, 0.3857, 0.4029



40.3144, 0.3525, 0.4156



9.4676, 0.3270, 0.3449



17.3083, 0.4833, 0.4545



0.6408, 0.4616, 0.4717

Inverse Universe

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



23.8967, 0.2564, 0.2600



37.2898, 0.2426, 0.2414



20.1354, 0.2633, 0.2322



8.6320, 0.2985, 0.3126



4.2462, 0.1617, 0.1021



0.2384, 0.1780, 0.1608

Previews

White Background



This preview shows how the Yxy color 34.9448, 0.3709, 0.3894 looks on a white background.

Color Contrast Check

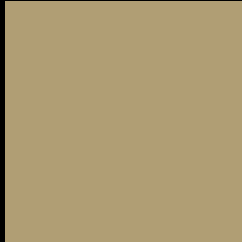
Large Text (above 18pt) WCAG AA × Fail

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 34.9448, 0.3709, 0.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

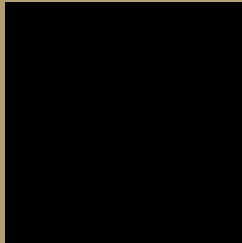
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.9448, 0.3709, 0.3894

Background



This preview shows how black text looks on a background with the Yxy color 34.9448, 0.3709, 0.3894.



This preview shows how white text looks on a background with the Yxy color 34.9448, 0.3709, 0.3894.

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

34.9448, 0.3709, 0.3894

Protanopia

35.1966, 0.3648, 0.3916

Deuteranopia

34.8856, 0.3862, 0.3785



Tritanopia

34.9606, 0.3306, 0.3125

Trichromacy



Original Color

34.9448, 0.3709, 0.3894

Protanomaly

34.9649, 0.3663, 0.3900

Deuteranomaly

34.9174, 0.3798, 0.3822

Tritanomaly

34.8015, 0.3449, 0.3390

Monochromacy



Original Color

34.9448, 0.3709, 0.3894

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.7788, 0.3333, 0.3527

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9448, 0.3709, 0.3894 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(176, 158, 116)` looks like.

```
.text, #text, p{  
    color:rgb(176, 158, 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(176, 158, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 158, 116) }
```

Border

The CSS property to change the border of an element to Yxy 34.9448, 0.3709, 0.3894 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(176, 158, 116) }
```

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

```
.border{ border-color:rgb(176, 158, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 158, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 158, 116); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 158, 116); box-shadow:4px 4px 4px 4px rgb(176, 158, 116) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9448, 0.3709, 0.3894 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 158, 116) }
```

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

```
.background{ background-color: rgb(176,  
158, 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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