

Converting Colors

$Yxy(33.9448, 0.3649, 0.3895)$

Have a look what the booklet for
Yxy(33.9448, 0.3649, 0.3895)
contains.

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Color

Yxy(33.9209, 0.3649, 0.3894)

Conversions

Conversions Part 1

Format	Color
Hex	AA9D74
RGB	170, 157, 116
RGB Percent	67%, 62%, 45%
CMY	0.3334, 0.3843, 0.5450
CMYK	0.00, 0.08, 0.32, 0.33
HSL	46°, 24%, 56%
HSV	46°, 32%, 67%
XYZ	31.7867, 33.9209, 21.4031
YIQ	156.2130, 20.9090, -9.9950

Conversions

Conversions Part 2

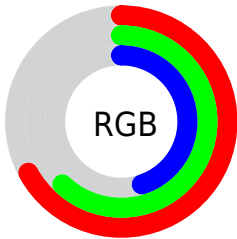
Format	Color
RYB	133, 170, 116
Decimal	11181428
CIELab	64.90, -1.64, 23.19
CIElCh	65, 23.252, 94.057
Yxy	33.9209, 0.3649, 0.3894
Android (android.graphics.Color)	4289371508 (0xFFAA9D74)
YUV	156.2130, -19.8250, 12.0912
Hunter-Lab	58.2417, -4.5025, 18.9808

Details

The Yxy color **33.9209, 0.3649, 0.3894** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.3210, 0.2601, 0.2602**, and the grayscale version is **33.4302, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5844, 0.3552, 0.3774**, and **14.4952, 0.3815, 0.4095** is the 20% darker color. If you saturate the color by 10%, you get **32.2010, 0.3831, 0.4084**, and if you desaturate by 10%, it is **35.7626, 0.3473, 0.3699**.

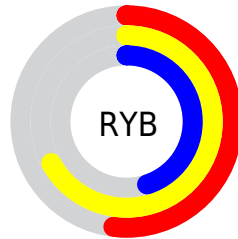
Distribution



Red (67%)

Green (62%)

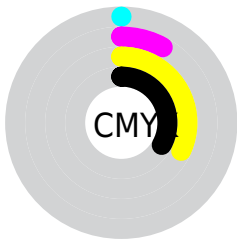
Blue (45%)



Red (52%)

Yellow (67%)

Blue (45%)

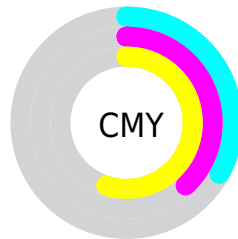


Cyan (0%)

Magenta (8%)

Yellow (32%)

Black (33%)



Cyan (33%)


Magenta (38%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.9209, 0.3649, 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 33.9209, 0.3649, 0.3894 by changing the saturation by 10% instead.


 33.9209, 0.3649,
0.3894


 33.9209, 0.3649,
0.3894


319.7792, 0.3377,
0.3577

 22.8328, 0.3719,
0.3977


 65.8106, 0.3548,
0.3776

 14.4701, 0.3811,
0.4086


 87.3811, 0.3511,
0.3732

 8.4484, 0.3933,
0.4232


 113.2145, 0.3480,
0.3696

 4.3832, 0.4101,
0.4438

143.6952, 0.3453,
0.3665

 1.8901, 0.4560,
0.4980

179.2077, 0.3430,
0.3638

 0.5424, 0.4671,
0.5329

220.1362, 0.3410,

 0.0000, 0.0000,

0.3615

0.0000

266.8653, 0.3393,
0.3595

■ 33.9209, 0.3649,
0.3894

■ 33.9209, 0.3649,
0.3894

■ 32.2010, 0.3831,
0.4084

■ 35.7626, 0.3473,
0.3699

■ 30.5940, 0.4015,
0.4262

■ 37.7256, 0.3307,
0.3507

■ 29.0965, 0.4192,
0.4417


■ 39.8153, 0.3153,
0.3321


■ 27.7033, 0.4355,
0.4539

■ 42.0353, 0.3012,
0.3146


■ 26.4084, 0.4498,
0.4620


■ 44.3891, 0.2883,
0.2981

 25.2048, 0.4612,
0.4656

 46.8799, 0.2768,
0.2829

 24.2678, 0.4690,
0.4658

 49.5108, 0.2664,
0.2689

 52.2851, 0.2571,
0.2560

 54.2692, 0.2561,
0.2579

Harmonies

Analogous

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



33.9209, 0.3830, 0.3697



33.9209, 0.3649, 0.3894



33.9209, 0.3332, 0.3929

Triad

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



33.9209, 0.3649, 0.3894



33.9209, 0.2486, 0.3101



33.9209, 0.3256, 0.2876

Complementary

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



33.9209, 0.3649, 0.3894



22.3210, 0.2601, 0.2602

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.



33.9209, 0.2894, 0.2728



33.9209, 0.3649, 0.3894



33.9209, 0.2467, 0.2837

Square

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



33.9209, 0.3649, 0.3894



33.9209, 0.2665, 0.3447



33.9209, 0.2611, 0.2709



33.9209, 0.3599, 0.3121

Rectangle

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



33.9209, 0.3649, 0.3894



33.9209, 0.3090, 0.3840



33.9209, 0.2611, 0.2709



33.9209, 0.3132, 0.2814

Sweetspot

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



33.9224, 0.3649, 0.3894



69.0346, 0.3282, 0.3478



22.6411, 0.3656, 0.3086



15.2824, 0.3304, 0.3503



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



33.9224, 0.3649, 0.3894



59.3642, 0.3775, 0.4027



37.1257, 0.3462, 0.4102



8.4633, 0.3268, 0.3461



17.9433, 0.4684, 0.4663



0.5086, 0.4492, 0.4815

Inverse Universe

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



22.3210, 0.2601, 0.2602



35.0276, 0.2472, 0.2421



20.1070, 0.2712, 0.2409



7.5828, 0.2986, 0.3114



3.3721, 0.1582, 0.0896



0.1585, 0.1756, 0.1519

Previews

White Background



This preview shows how the Yxy color 33.9209, 0.3649, 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 33.9209, 0.3649, 0.3894 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

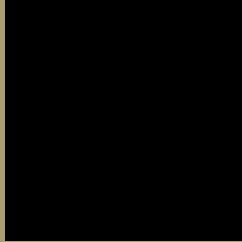
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9209, 0.3649, 0.3894

Background



This preview shows how black text looks on a background with the Yxy color 33.9209, 0.3649, 0.3894.



This preview shows how white text looks on a background with the Yxy color 33.9209, 0.3649, 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

33.9209, 0.3649, 0.3894

Protanopia

33.8099, 0.3639, 0.3897

Deuteranopia

33.8567, 0.3839, 0.3765



Tritanopia

33.8915, 0.3256, 0.3121

Trichromacy



Original Color

33.9209, 0.3649, 0.3894

Protanomaly

33.8099, 0.3639, 0.3897

Deuteranomaly

33.7701, 0.3765, 0.3804

Tritanomaly

33.7420, 0.3399, 0.3392

Monochromacy



Original Color

33.9209, 0.3649, 0.3894

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

33.2771, 0.3317, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9209, 0.3649, 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(170, 157, 116)` looks like.

```
.text, #text, p{  
    color:rgb(170, 157, 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(170, 157, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 157, 116) }
```

Border

The CSS property to change the border of an element to Yxy 33.9209, 0.3649, 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(170, 157, 116) }
```

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

```
.border{ border-color:rgb(170, 157, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 157, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 157, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 157, 116);  
box-shadow:4px 4px 4px 4px rgb(170, 157,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9209, 0.3649, 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(170, 157, 116) }
```

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

```
.background{ background-color: rgb(170,  
157, 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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