

Converting Colors

$Yxy(34.5869, 0.3764, 0.4074)$

Have a look what the booklet for
Yxy(34.5869, 0.3764, 0.4074)
contains.

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Color

Yxy(34.5869, 0.3764, 0.4074)

Conversions

Conversions Part 1

Format	Color
Hex	AC9F69
RGB	172, 159, 105
RGB Percent	67%, 62%, 41%
CMY	0.3256, 0.3764, 0.5883
CMYK	0.00, 0.08, 0.39, 0.33
HSL	48°, 29%, 54%
HSV	48°, 39%, 67%
XYZ	31.9551, 34.5869, 18.3547
YIQ	156.7310, 25.0820, -14.0380

Conversions

Conversions Part 2

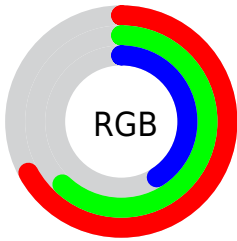
Format	Color
RYB	121, 172, 105
Decimal	11313001
CIELab	65.43, -3.30, 29.91
CIELCh	65, 30.089, 96.297
Yxy	34.5869, 0.3764, 0.4074
Android (android.graphics.Color)	4289503081 (0xFFAC9F69)
YUV	156.7310, -25.5034, 13.3909
Hunter-Lab	58.8106, -5.9296, 22.6632

Details

The Yxy color **34.5869, 0.3764, 0.4074** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.9235, 0.2459, 0.2357**, and the grayscale version is **33.6968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.0214, 0.3639, 0.3926**, and **14.8721, 0.3937, 0.4314** is the 20% darker color. If you saturate the color by 10%, you get **33.1416, 0.3937, 0.4265**, and if you desaturate by 10%, it is **36.1376, 0.3590, 0.3872**.

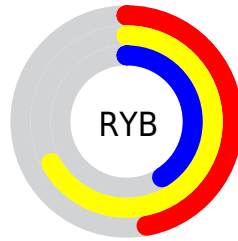
Distribution



Red (67%)

Green (62%)

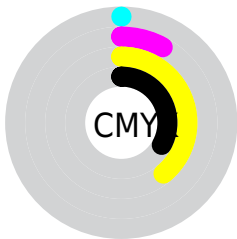
Blue (41%)



Red (47%)

Yellow (67%)

Blue (41%)

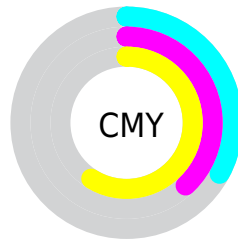


Cyan (0%)

Magenta (8%)

Yellow (39%)

Black (33%)



Cyan (33%)

Magenta (38%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.5869, 0.3764, 0.4074 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 34.5869, 0.3764, 0.4074 by changing the saturation by 10% instead.

■ 34.5869, 0.3764,
0.4074

■ 34.5869, 0.3764,
0.4074

■ 322.7412, 0.3437,
0.3665

■ 23.3448, 0.3846,
0.4179

■ 66.8453, 0.3644,
0.3923

■ 14.8483, 0.3949,
0.4315

■ 88.6304, 0.3600,
0.3866

■ 8.7130, 0.4083,
0.4493

■ 114.6987, 0.3562,
0.3819

■ 4.5545, 0.4254,
0.4734

■ 145.4346, 0.3530,
0.3779

■ 1.9883, 0.4688,
0.5312

■ 181.2223, 0.3502,
0.3745

■ 0.6007, 0.4494,
0.5506

■ 222.4464, 0.3477,

■ 0.0000, 0.0000,

0.3715

0.0000

269.4912, 0.3456,
0.3688

■ 34.5869, 0.3764,
0.4074

■ 34.5869, 0.3764,
0.4074

■ 33.1416, 0.3937,
0.4265

■ 36.1376, 0.3590,
0.3872

■ 31.7924, 0.4103,
0.4435

■ 37.7932, 0.3422,
0.3667

■ 30.5359, 0.4256,
0.4574


■ 39.5592, 0.3261,
0.3464


■ 29.3663, 0.4387,
0.4674


■ 41.4392, 0.3112,
0.3270


■ 28.2771, 0.4491,
0.4729


■ 43.4368, 0.2974,
0.3086


 27.2559, 0.4571,
0.4745

 45.5552, 0.2848,
0.2914

 27.1502, 0.4579,
0.4746

 47.7975, 0.2735,
0.2756

 50.1667, 0.2632,
0.2610

 52.3552, 0.2566,
0.2523

Harmonies

Analogous

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



34.5869, 0.4020, 0.3820



34.5869, 0.3764, 0.4074



34.5869, 0.3346, 0.4116

Triad

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



34.5869, 0.3764, 0.4074



34.5869, 0.2306, 0.3008



34.5869, 0.3324, 0.2787

Complementary

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



34.5869, 0.3764, 0.4074



18.9235, 0.2459, 0.2357

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.



34.5869, 0.2857, 0.2591



34.5869, 0.3764, 0.4074



34.5869, 0.2300, 0.2689

Square

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



34.5869, 0.3764, 0.4074



34.5869, 0.2513, 0.3454



34.5869, 0.2493, 0.2550



34.5869, 0.3762, 0.3097

Rectangle

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



34.5869, 0.3764, 0.4074



34.5869, 0.3038, 0.3990



34.5869, 0.2493, 0.2550



34.5869, 0.3164, 0.2707

Sweetspot

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



34.5885, 0.3764, 0.4074



70.7285, 0.3313, 0.3530



20.1861, 0.3879, 0.3089



15.2836, 0.3333, 0.3555



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.



34.5885, 0.3764, 0.4074



60.4319, 0.3918, 0.4245



37.1744, 0.3500, 0.4306



9.0631, 0.3267, 0.3472



20.2900, 0.4575, 0.4750



0.6310, 0.4440, 0.4856

Inverse Universe

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



18.9235, 0.2459, 0.2357



27.8794, 0.2287, 0.2099



17.4459, 0.2631, 0.2189



7.9986, 0.2986, 0.3102



3.0995, 0.1558, 0.0807



0.1580, 0.1703, 0.1330

Previews

White Background



This preview shows how the Yxy color 34.5869, 0.3764, 0.4074 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 34.5869, 0.3764, 0.4074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

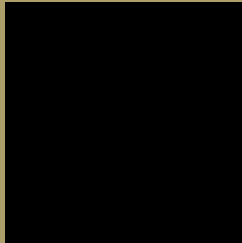
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.5869, 0.3764, 0.4074

Background



This preview shows how black text looks on a background with the Yxy color 34.5869, 0.3764, 0.4074.



This preview shows how white text looks on a background with the Yxy color 34.5869, 0.3764, 0.4074.

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

34.5869, 0.3764, 0.4074

Protanopia

34.5869, 0.3764, 0.4074

Deuteranopia

34.4652, 0.3977, 0.3903



Tritanopia

34.6018, 0.3276, 0.3123

Trichromacy



Original Color

34.5869, 0.3764, 0.4074

Protanomaly

34.5869, 0.3764, 0.4074

Deuteranomaly

34.5506, 0.3894, 0.3975

Tritanomaly

34.6560, 0.3455, 0.3462

Monochromacy



Original Color

34.5869, 0.3764, 0.4074

Achromatopsia

33.7164, 0.3127, 0.3290

Achromatomaly

33.9701, 0.3352, 0.3590

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.5869, 0.3764, 0.4074 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(172, 159, 105)` looks like.

```
.text, #text, p{  
    color:rgb(172, 159, 105)  
}
```

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(172, 159, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 159, 105) }
```

Border

The CSS property to change the border of an element to Yxy 34.5869, 0.3764, 0.4074 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(172, 159, 105) }
```

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

```
.border{ border-color:rgb(172, 159, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 159, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 159, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 159, 105);  
box-shadow:4px 4px 4px 4px rgb(172, 159,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 34.5869, 0.3764, 0.4074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 159, 105) }
```

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

```
.background{ background-color: rgb(172,  
159, 105) }
```

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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