

Converting Colors

$Y_{xy}(34.5639, 0.3909, 0.3938)$

Have a look what the booklet for
Yxy(34.5639, 0.3909, 0.3938)
contains.

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Color

Yxy(34.4870, 0.3912, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	B99A6B
RGB	185, 154, 107
RGB Percent	73%, 60%, 42%
CMY	0.2745, 0.3961, 0.5804
CMYK	0.00, 0.17, 0.42, 0.27
HSL	36°, 36%, 57%
HSV	36°, 42%, 73%
XYZ	34.2159, 34.4870, 18.7610
YIQ	157.9110, 33.5630, -8.0450

Conversions

Conversions Part 2

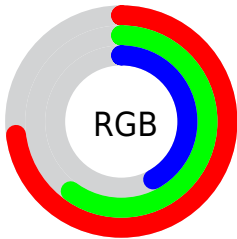
Format	Color
R_{YB}	158, 185, 107
Decimal	12163691
CIE _{Lab}	65.35, 5.05, 28.96
CIE _{LCh}	65, 29.400, 80.108
Yxy	34.4870, 0.3912, 0.3943
Android (android.graphics.Color)	4290353771 (0xFFB99A6B)
YUV	157.9110, -25.0991, 23.7571
Hunter-Lab	58.7256, 1.2313, 22.1666

Details

The Yxy color **34.4870, 0.3912, 0.3943** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **24.7998, 0.2436, 0.2527**, and the grayscale version is **34.2545, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.4922, 0.3758, 0.3819**, and **14.7621, 0.4145, 0.4122** is the 20% darker color. If you saturate the color by 10%, you get **31.7876, 0.4138, 0.4089**, and if you desaturate by 10%, it is **37.4215, 0.3698, 0.3786**.

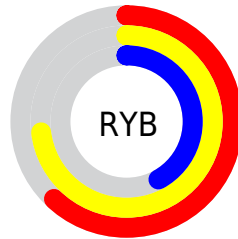
Distribution



Red (73%)

Green (60%)

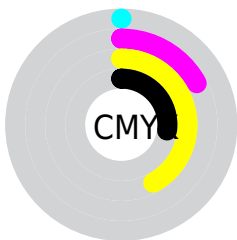
Blue (42%)



Red (62%)

Yellow (73%)

Blue (42%)

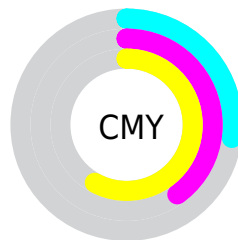


Cyan (0%)

Magenta (17%)

Yellow (42%)

Black (27%)



Cyan (27%)


Magenta (40%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.4870, 0.3912, 0.3943 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 34.4870, 0.3912, 0.3943 by changing the saturation by 10% instead.


 34.4870, 0.3912,
0.3943


 34.4870, 0.3912,
0.3943


322.2981, 0.3503,
0.3611

 23.2680, 0.4017,
0.4025


 66.6903, 0.3761,
0.3823


 14.7915, 0.4152,
0.4127


 88.4433, 0.3705,
0.3777

 8.6732, 0.4330,
0.4258


 114.4765, 0.3658,
0.3739

 4.5286, 0.4570,
0.4422

 145.1742, 0.3618,
0.3706

 1.9735, 0.5148,
0.4852

180.9208, 0.3583,
0.3677

 0.5920, 0.5368,
0.4632

222.1008, 0.3553,

 0.0000, 0.0000,

0.3653

0.0000

269.0984, 0.3527,
0.3631

■ 34.4870, 0.3912,
0.3943

■ 34.4870, 0.3912,
0.3943

■ 31.7876, 0.4138,
0.4089

■ 37.4215, 0.3698,
0.3786

■ 29.3104, 0.4369,
0.4214

■ 40.5937, 0.3500,
0.3627

■ 27.0484, 0.4596,
0.4307

■ 44.0123, 0.3321,
0.3471

■ 24.9920, 0.4805,
0.4357

■ 47.6838, 0.3160,
0.3321

■ 23.1300, 0.4986,
0.4355

■ 51.6146, 0.3016,
0.3181

■ 21.7922, 0.5110,
0.4325

■ 55.8108, 0.2890,
0.3050

■ 60.2781, 0.2778,
0.2929

■ 65.0223, 0.2679,
0.2818

■ 68.8000, 0.2687,
0.2903

Harmonies

Analogous

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



34.4870, 0.4036, 0.3629



34.4870, 0.3912, 0.3943



34.4870, 0.3576, 0.4107

Triad

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



34.4870, 0.3912, 0.3943



34.4870, 0.2409, 0.3242



34.4870, 0.3068, 0.2677

Complementary

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



34.4870, 0.3912, 0.3943



24.7998, 0.2436, 0.2527

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.



34.4870, 0.2653, 0.2563



34.4870, 0.3912, 0.3943



34.4870, 0.2295, 0.2850

Square

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



34.4870, 0.3912, 0.3943



34.4870, 0.2709, 0.3691



34.4870, 0.2381, 0.2616



34.4870, 0.3530, 0.2927

Rectangle

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



34.4870, 0.3912, 0.3943



34.4870, 0.3285, 0.4083



34.4870, 0.2381, 0.2616



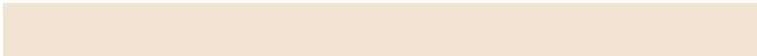
34.4870, 0.2918, 0.2622

Sweetspot

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



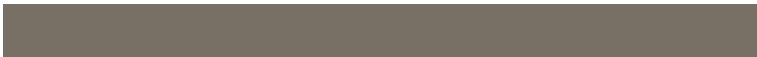
34.4886, 0.3912, 0.3943



78.1671, 0.3339, 0.3487



22.6684, 0.3759, 0.2853



16.5551, 0.3377, 0.3521



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.



34.4886, 0.3912, 0.3943



57.0879, 0.4131, 0.4085



45.1274, 0.3674, 0.4343



9.8883, 0.3273, 0.3428



14.9847, 0.5095, 0.4337



0.6456, 0.4805, 0.4567

Inverse Universe

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



24.7998, 0.2436, 0.2527



37.3662, 0.2273, 0.2313



17.6475, 0.2423, 0.2031



9.2893, 0.2985, 0.3149



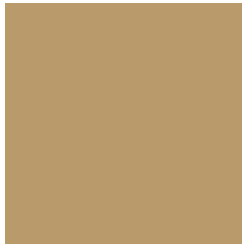
5.8082, 0.1688, 0.1278



0.3267, 0.1836, 0.1810

Previews

White Background



This preview shows how the Yxy color 34.4870, 0.3912, 0.3943 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 34.4870, 0.3912, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

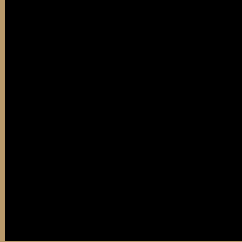
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.4870, 0.3912, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 34.4870, 0.3912, 0.3943.



This preview shows how white text looks on a background with the Yxy color 34.4870, 0.3912, 0.3943.

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

34.4870, 0.3912, 0.3943

Protanopia

34.6711, 0.3728, 0.4017

Deuteranopia

34.4652, 0.3977, 0.3903



Tritanopia

34.3178, 0.3458, 0.3129

Trichromacy



Original Color

34.4870, 0.3912, 0.3943

Protanomaly

34.5438, 0.3800, 0.3991

Deuteranomaly

34.5354, 0.3950, 0.3922

Tritanomaly

34.3975, 0.3627, 0.3429

Monochromacy



Original Color

34.4870, 0.3912, 0.3943

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

34.3029, 0.3406, 0.3555

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.4870, 0.3912, 0.3943 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(185, 154, 107)` looks like.

```
.text, #text, p{  
  color:rgb(185, 154, 107)  
}
```

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(185, 154, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 154, 107) }
```

Border

The CSS property to change the border of an element to Yxy 34.4870, 0.3912, 0.3943 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(185, 154, 107) }
```

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

```
.border{ border-color:rgb(185, 154, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 154, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 154, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 154, 107);  
box-shadow:4px 4px 4px 4px rgb(185, 154,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 34.4870, 0.3912, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 154, 107) }
```

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

```
.background{ background-color: rgb(185,  
154, 107) }
```

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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