

Converting Colors

$Yxy(34.9219, 0.3912, 0.3837)$

Have a look what the booklet for
Yxy(34.9219, 0.3912, 0.3837)
contains.

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Color

Yxy(34.9219, 0.3912, 0.3837)

Conversions

Conversions Part 1

Format	Color
Hex	BE9971
RGB	190, 153, 113
RGB Percent	75%, 60%, 44%
CMY	0.2550, 0.4000, 0.5569
CMYK	0.00, 0.19, 0.41, 0.25
HSL	31°, 37%, 59%
HSV	31°, 41%, 75%
XYZ	35.6045, 34.9219, 20.4872
YIQ	159.5030, 34.8920, -4.5960

Conversions

Conversions Part 2

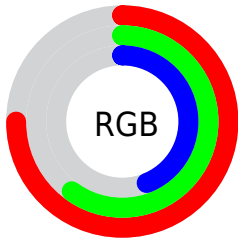
Format	Color
RYB	184, 190, 113
Decimal	12491121
CIELab	65.69, 8.33, 26.24
CIElCh	66, 27.527, 72.383
Yxy	34.9219, 0.3912, 0.3837
Android (android.graphics.Color)	4290681201 (0xFFBE9971)
YUV	159.5030, -22.9260, 26.7459
Hunter-Lab	59.0948, 4.1302, 20.8115

Details

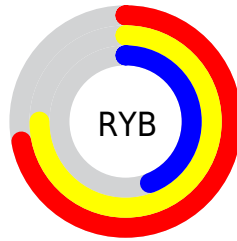
The Yxy color **34.9219, 0.3912, 0.3837** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **29.0335, 0.2479, 0.2665**, and the grayscale version is **35.0091, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.2987, 0.3765, 0.3736**, and **15.0238, 0.4165, 0.3994** is the 20% darker color. If you saturate the color by 10%, you get **31.6654, 0.4160, 0.3967**, and if you desaturate by 10%, it is **38.4998, 0.3684, 0.3699**.

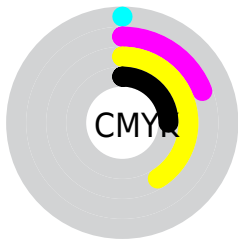
Distribution



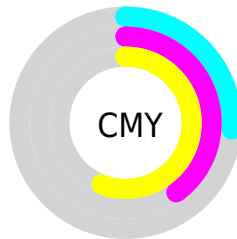
- Red (75%)
- Green (60%)
- Blue (44%)



- Red (72%)
- Yellow (75%)
- Blue (44%)



- Cyan (0%)
- Magenta (19%)
- Yellow (41%)
- Black (25%)





- Cyan (26%)
- Magenta (40%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 34.9219, 0.3912, 0.3837 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 34.9219, 0.3912, 0.3837 by changing the saturation by 10% instead.


 34.9219, 0.3912,
0.3837


 34.9219, 0.3912,
0.3837


324.2235, 0.3502,
0.3562

 23.6027, 0.4019,
0.3904


 67.3648, 0.3759,
0.3738

 15.0392, 0.4157,
0.3987


 89.2572, 0.3703,
0.3700

 8.8469, 0.4342,
0.4092


 115.4429, 0.3656,
0.3669

 4.6414, 0.4599,
0.4224

 146.3062, 0.3616,
0.3641

 2.0385, 0.5248,
0.4623

182.2315, 0.3581,
0.3618

 0.6297, 0.5601,
0.4399

223.6033, 0.3551,

 0.0000, 0.0000,

0.3597

0.0000

270.8058, 0.3525,
0.3579

■ 34.9219, 0.3912,
0.3837

■ 34.9219, 0.3912,
0.3837

■ 31.6654, 0.4160,
0.3967

■ 38.4998, 0.3684,
0.3699

■ 28.7146, 0.4422,
0.4078

■ 42.4041, 0.3478,
0.3560

■ 26.0595, 0.4687,
0.4160

■ 46.6460, 0.3296,
0.3425

■ 23.6877, 0.4940,
0.4199

■ 51.2346, 0.3135,
0.3296

■ 21.5849, 0.5167,
0.4186

■ 56.1786, 0.2994,
0.3176

■ 19.8189, 0.5352,
0.4132

■ 61.4863, 0.2871,
0.3065

■ 67.1656, 0.2764,
0.2963

■ 72.5640, 0.2723,
0.2972

■ 77.6599, 0.2732,
0.3074

Harmonies

Analogous

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



34.9219, 0.3964, 0.3524



34.9219, 0.3912, 0.3837



34.9219, 0.3643, 0.4032

Triad

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



34.9219, 0.3912, 0.3837



34.9219, 0.2513, 0.3355



34.9219, 0.2964, 0.2673

Complementary

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



34.9219, 0.3912, 0.3837



29.0335, 0.2479, 0.2665

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.



34.9219, 0.2603, 0.2605



34.9219, 0.3912, 0.3837



34.9219, 0.2357, 0.2964

Square

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



34.9219, 0.3912, 0.3837



34.9219, 0.2832, 0.3759



34.9219, 0.2389, 0.2701



34.9219, 0.3395, 0.2879

Rectangle

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



34.9219, 0.3912, 0.3837



34.9219, 0.3385, 0.4049



34.9219, 0.2389, 0.2701



34.9219, 0.2831, 0.2634

Sweetspot

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



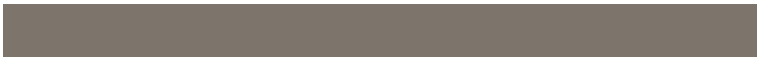
34.9235, 0.3912, 0.3837



83.2133, 0.3325, 0.3447



24.9650, 0.3642, 0.2784



18.0449, 0.3348, 0.3465



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.



34.9235, 0.3912, 0.3837



57.8021, 0.4141, 0.3958



48.7939, 0.3714, 0.4284



10.3345, 0.3276, 0.3409



13.3386, 0.5333, 0.4148



0.6528, 0.4990, 0.4420

Inverse Universe

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



29.0335, 0.2479, 0.2665



45.6154, 0.2331, 0.2491



19.1245, 0.2397, 0.2067



9.9611, 0.2984, 0.3168



7.6321, 0.1759, 0.1533



0.4300, 0.1884, 0.1982

Previews

White Background



This preview shows how the Yxy color 34.9219, 0.3912, 0.3837 looks on a white background.

Color Contrast Check

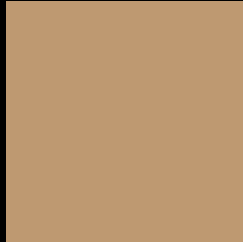
Large Text (above 18pt) WCAG AA × Fail

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 34.9219, 0.3912, 0.3837 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 34.9219, 0.3912, 0.3837

Background



This preview shows how black text looks on a background with the Yxy color 34.9219, 0.3912, 0.3837.



This preview shows how white text looks on a background with the Yxy color 34.9219, 0.3912, 0.3837.

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

34.9219, 0.3912, 0.3837

Protanopia

35.1732, 0.3658, 0.3930

Deuteranopia

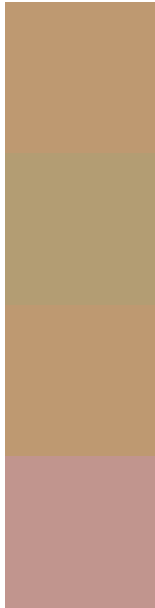
34.9219, 0.3912, 0.3837



Tritanopia

34.9382, 0.3521, 0.3145

Trichromacy



Original Color

34.9219, 0.3912, 0.3837

Protanomaly

34.9355, 0.3755, 0.3888

Deuteranomaly

34.9219, 0.3912, 0.3837

Tritanomaly

34.7853, 0.3662, 0.3386

Monochromacy



Original Color

34.9219, 0.3912, 0.3837

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

34.7550, 0.3399, 0.3494

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9219, 0.3912, 0.3837 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(190, 153, 113)` looks like.

```
.text, #text, p{  
    color:rgb(190, 153, 113)  
}
```

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(190, 153, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 153, 113) }
```

Border

The CSS property to change the border of an element to Yxy 34.9219, 0.3912, 0.3837 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(190, 153, 113) }
```

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

```
.border{ border-color:rgb(190, 153, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 153, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(190, 153, 113); -webkit-box-shadow:4px 4px 4px 4px rgb(190, 153, 113); box-shadow:4px 4px 4px 4px rgb(190, 153, 113) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9219, 0.3912, 0.3837 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 153, 113) }
```

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

```
.background{ background-color: rgb(190,  
153, 113) }
```

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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