

Converting Colors

$Yxy(35.4654, 0.3839, 0.3974)$

Have a look what the booklet for
Yxy(35.4654, 0.3839, 0.3974)
contains.

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Color

Yxy(35.5029, 0.3839, 0.3976)

Conversions

Conversions Part 1

Format	Color
Hex	B69E6D
RGB	182, 158, 109
RGB Percent	71%, 62%, 43%
CMY	0.2862, 0.3804, 0.5726
CMYK	0.00, 0.13, 0.40, 0.29
HSL	40°, 33%, 57%
HSV	40°, 40%, 71%
XYZ	34.2796, 35.5029, 19.5105
YIQ	159.5900, 30.0330, -10.1510

Conversions

Conversions Part 2

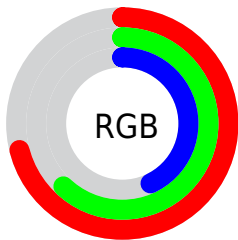
Format	Color
R_{YB}	145, 182, 109
Decimal	11968109
CIE Lab	66.14, 1.86, 28.86
CIE LCh	66, 28.924, 86.309
Yxy	35.5029, 0.3839, 0.3976
Android (android.graphics.Color)	4290158189 (0xFFB69E6D)
YUV	159.5900, -24.9409, 19.6536
Hunter-Lab	59.5843, -1.5793, 22.2949

Details

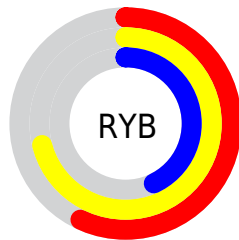
The Yxy color **35.5029, 0.3839, 0.3976** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.4022, 0.2459, 0.2487**, and the grayscale version is **35.0626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5124, 0.3702, 0.3853**, and **15.4415, 0.4049, 0.4168** is the 20% darker color. If you saturate the color by 10%, you get **33.1603, 0.4045, 0.4140**, and if you desaturate by 10%, it is **38.0294, 0.3641, 0.3803**.

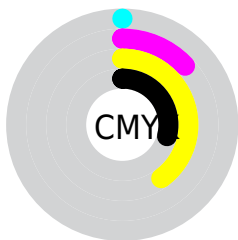
Distribution



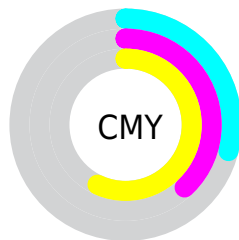
- Red (71%)
- Green (62%)
- Blue (43%)



- Red (57%)
- Yellow (71%)
- Blue (43%)



- Cyan (0%)
- Magenta (13%)
- Yellow (40%)
- Black (29%)





- Cyan (29%)
- Magenta (38%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.5029, 0.3839, 0.3976 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 35.5029, 0.3839, 0.3976 by changing the saturation by 10% instead.


 35.5029, 0.3839,
0.3976


 35.5029, 0.3839,
0.3976


326.7826, 0.3471,
0.3625


 24.0505, 0.3932,
0.4064


 68.2641, 0.3704,
0.3848


 15.3711, 0.4052,
0.4175


 90.3417, 0.3653,
0.3800

 9.0802, 0.4209,
0.4320


 116.7299, 0.3611,
0.3759

 4.7936, 0.4418,
0.4508

 147.8130, 0.3575,
0.3724

 2.1267, 0.4973,
0.5027

183.9754, 0.3544,
0.3694

 0.6796, 0.5043,
0.4957

225.6015, 0.3516,

 0.0000, 0.0000,

0.3668

0.0000

273.0758, 0.3492,
0.3645

■ 35.5029, 0.3839,
0.3976

■ 35.5029, 0.3839,
0.3976

■ 33.1603, 0.4045,
0.4140

■ 38.0294, 0.3641,
0.3803

■ 30.9902, 0.4253,
0.4283

■ 40.7408, 0.3455,
0.3628

■ 28.9871, 0.4453,
0.4397

■ 43.6444, 0.3284,
0.3456

■ 27.1433, 0.4635,
0.4469

■ 46.7454, 0.3129,
0.3292

■ 25.4498, 0.4791,
0.4494

■ 50.0490, 0.2989,
0.3137

■ 23.9070, 0.4919,
0.4476

■ 53.5598, 0.2864,
0.2994

■ 57.2826, 0.2753,
0.2861

■ 61.2218, 0.2654,
0.2739

■ 64.1817, 0.2659,
0.2805

Harmonies

Analogous

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



35.5029, 0.4008, 0.3692



35.5029, 0.3839, 0.3976



35.5029, 0.3481, 0.4091

Triad

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



35.5029, 0.3839, 0.3976



35.5029, 0.2388, 0.3156



35.5029, 0.3163, 0.2732

Complementary

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



35.5029, 0.3839, 0.3976



23.4022, 0.2459, 0.2487

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.



35.5029, 0.2739, 0.2590



35.5029, 0.3839, 0.3976



35.5029, 0.2316, 0.2801

Square

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



35.5029, 0.3839, 0.3976



35.5029, 0.2646, 0.3593



35.5029, 0.2439, 0.2608



35.5029, 0.3606, 0.2999

Rectangle

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



35.5029, 0.3839, 0.3976



35.5029, 0.3190, 0.4029



35.5029, 0.2439, 0.2608



35.5029, 0.3013, 0.2669

Sweetspot

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



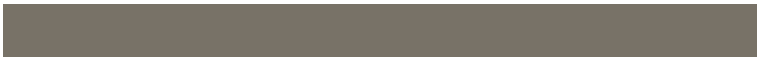
35.5046, 0.3839, 0.3976



77.9920, 0.3318, 0.3491



22.5837, 0.3781, 0.2943



17.0731, 0.3340, 0.3513



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.



35.5046, 0.3839, 0.3976



60.6500, 0.4018, 0.4119



43.0915, 0.3603, 0.4309



9.9922, 0.3272, 0.3443



17.0065, 0.4909, 0.4484



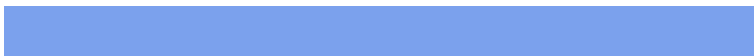
0.7075, 0.4682, 0.4664

Inverse Universe

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



23.4022, 0.2459, 0.2487



35.7574, 0.2304, 0.2275



18.3892, 0.2512, 0.2117



9.1889, 0.2985, 0.3132



4.7650, 0.1636, 0.1090



0.2843, 0.1789, 0.1639

Previews

White Background



This preview shows how the Yxy color 35.5029, 0.3839, 0.3976 looks on a white background.

Color Contrast Check

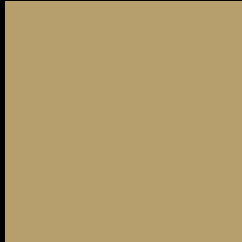
Large Text (above 18pt) WCAG AA × Fail

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 35.5029, 0.3839, 0.3976 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

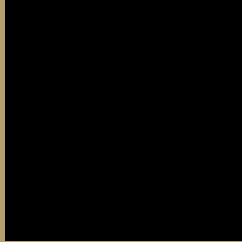
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.5029, 0.3839, 0.3976

Background



This preview shows how black text looks on a background with the Yxy color 35.5029, 0.3839, 0.3976.



This preview shows how white text looks on a background with the Yxy color 35.5029, 0.3839, 0.3976.

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

35.5029, 0.3839, 0.3976

Protanopia

35.6142, 0.3730, 0.4024

Deuteranopia

35.4435, 0.3957, 0.3885



Tritanopia

35.4689, 0.3389, 0.3129

Trichromacy



Original Color

35.5029, 0.3839, 0.3976

Protanomaly

35.6145, 0.3766, 0.4002

Deuteranomaly

35.2598, 0.3909, 0.3908

Tritanomaly

35.5335, 0.3562, 0.3443

Monochromacy



Original Color

35.5029, 0.3839, 0.3976

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.0442, 0.3383, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.5029, 0.3839, 0.3976 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(182, 158, 109)` looks like.

```
.text, #text, p{  
    color:rgb(182, 158, 109)  
}
```

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(182, 158, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 158, 109) }
```

Border

The CSS property to change the border of an element to Yxy 35.5029, 0.3839, 0.3976 is called "border". The border property can be set on classes, ids or directly on the HTML element.

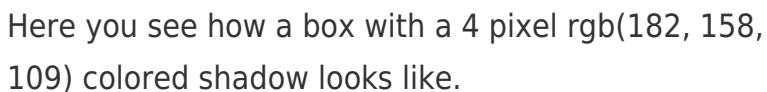
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(182, 158, 109) }
```

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

```
.border{ border-color:rgb(182, 158, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(182, 158, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 158, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 158, 109);  
box-shadow:4px 4px 4px 4px rgb(182, 158,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 35.5029, 0.3839, 0.3976 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 158, 109) }
```

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

```
.background{ background-color: rgb(182,  
158, 109) }
```

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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