

Converting Colors

$Yxy(26.9893, 0.3734, 0.3549)$

Have a look what the booklet for
Yxy(26.9893, 0.3734, 0.3549)
contains.

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Color

Yxy(26.8806, 0.3739, 0.3550)

Conversions

Conversions Part 1

Format	Color
Hex	AA8675
RGB	170, 134, 117
RGB Percent	67%, 53%, 46%
CMY	0.3334, 0.4745, 0.5411
CMYK	0.00, 0.21, 0.31, 0.33
HSL	19°, 24%, 56%
HSV	19°, 31%, 67%
XYZ	28.3117, 26.8806, 20.5277
YIQ	142.8260, 26.9130, 2.3450

Conversions

Conversions Part 2

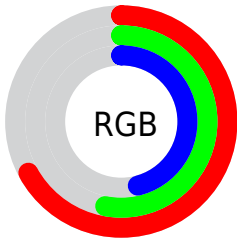
Format	Color
RYB	170, 142, 117
Decimal	11175541
CIELab	58.86, 11.23, 14.39
CIELCh	59, 18.260, 52.029
Yxy	26.8806, 0.3739, 0.3550
Android (android.graphics.Color)	4289365621 (0xFFAA8675)
YUV	142.8260, -12.7322, 23.8316
Hunter-Lab	51.8465, 6.7417, 12.8177

Details

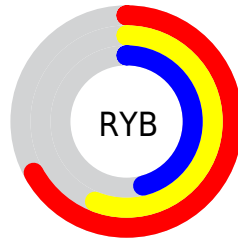
The Yxy color **26.8806, 0.3739, 0.3550** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **29.4616, 0.2657, 0.3013**, and the grayscale version is **27.4393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.5740, 0.3609, 0.3499**, and **10.5522, 0.3967, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **23.4986, 0.4007, 0.3636**, and if you desaturate by 10%, it is **30.6861, 0.3508, 0.3463**.

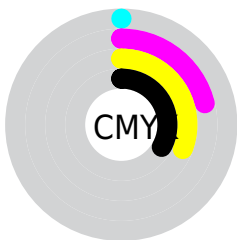
Distribution



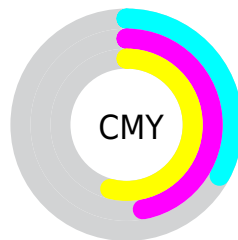
- Red (67%)
- Green (53%)
- Blue (46%)



- Red (67%)
- Yellow (56%)
- Blue (46%)



- Cyan (0%)
- Magenta (21%)
- Yellow (31%)
- Black (33%)





- Cyan (33%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8806, 0.3739, 0.3550 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 26.8806, 0.3739, 0.3550 by changing the saturation by 10% instead.


 26.8806, 0.3739,
0.3550

 26.8806, 0.3739,
0.3550


287.0785, 0.3403,
0.3415


 17.4836, 0.3834,
0.3584


 54.6922, 0.3609,
0.3500

 10.5799, 0.3964,
0.3628


 73.8756, 0.3562,
0.3482

 5.7851, 0.4150,
0.3686

 97.0898, 0.3524,
0.3466

 2.7148, 0.4438,
0.3761

124.7194, 0.3492,
0.3453

 0.9847, 0.5467,
0.4265

157.1487, 0.3465,
0.3442

 0.0000, 1.0000,
0.0000

194.7620, 0.3441,

 0.0000, 0.0000,

0.3432

0.0000

237.9438, 0.3421,
0.3423

■ 26.8806, 0.3739,
0.3550

■ 26.8806, 0.3739,
0.3550

■ 23.4986, 0.4007,
0.3636

■ 30.6861, 0.3508,
0.3463

■ 20.5212, 0.4312,
0.3716

■ 34.9256, 0.3312,
0.3378

■ 17.9337, 0.4649,
0.3780


■ 39.6139, 0.3145,
0.3299

■ 15.7189, 0.5004,
0.3817


■ 44.7640, 0.3004,
0.3225


■ 13.8581, 0.5353,
0.3816

■ 50.3882, 0.2884,
0.3157

 12.3309, 0.5665,
0.3768

 56.4986, 0.2782,
0.3095

 11.2346, 0.5899,
0.3698

 63.1066, 0.2695,
0.3039

 70.2234, 0.2621,
0.2988

 76.8558, 0.2627,
0.3099

Harmonies

Analogous

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



26.8806, 0.3654, 0.3298



26.8806, 0.3739, 0.3550



26.8806, 0.3651, 0.3752

Triad

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



26.8806, 0.3739, 0.3550



26.8806, 0.2829, 0.3539



26.8806, 0.2821, 0.2787

Complementary

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



26.8806, 0.3739, 0.3550



29.4616, 0.2657, 0.3013

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.



26.8806, 0.2621, 0.2823



26.8806, 0.3739, 0.3550



26.8806, 0.2625, 0.3247

Square

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



26.8806, 0.3739, 0.3550



26.8806, 0.3119, 0.3763



26.8806, 0.2551, 0.2985



26.8806, 0.3111, 0.2872

Rectangle

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



26.8806, 0.3739, 0.3550



26.8806, 0.3509, 0.3826



26.8806, 0.2551, 0.2985



26.8806, 0.2742, 0.2785

Sweetspot

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



26.8819, 0.3739, 0.3550



65.0185, 0.3276, 0.3362



23.5756, 0.3355, 0.2756



14.2394, 0.3301, 0.3374



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.



26.8819, 0.3739, 0.3550



44.7042, 0.3909, 0.3607



35.0658, 0.3626, 0.3924



7.9207, 0.3278, 0.3363



8.3569, 0.5879, 0.3714



0.2951, 0.5251, 0.4213

Inverse Universe

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



29.4616, 0.2657, 0.3013



50.0790, 0.2563, 0.2945



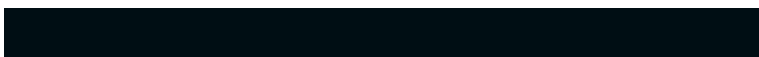
21.7907, 0.2605, 0.2564



8.1200, 0.2987, 0.3216



11.3332, 0.1952, 0.2226



0.3621, 0.2061, 0.2619

Previews

White Background



This preview shows how the Yxy color 26.8806, 0.3739, 0.3550 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8806, 0.3739, 0.3550 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

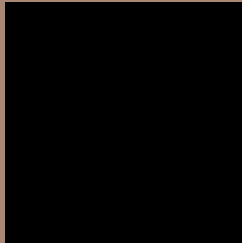
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8806, 0.3739, 0.3550

Background



This preview shows how black text looks on a background with the Yxy color 26.8806, 0.3739, 0.3550.



This preview shows how white text looks on a background with the Yxy color 26.8806, 0.3739, 0.3550.

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

26.8806, 0.3739, 0.3550

Protanopia

26.8198, 0.3423, 0.3618

Deuteranopia

26.7852, 0.3659, 0.3587



Tritanopia

27.0399, 0.3506, 0.3143

Trichromacy



Original Color

26.8806, 0.3739, 0.3550

Protanomaly

26.7011, 0.3536, 0.3578

Deuteranomaly

26.7193, 0.3687, 0.3570

Tritanomaly

26.9391, 0.3596, 0.3291

Monochromacy



Original Color

26.8806, 0.3739, 0.3550

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.2497, 0.3333, 0.3386

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8806, 0.3739, 0.3550 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, 134, 117)` looks like.

```
.text, #text, p{  
    color:rgb(170, 134, 117)  
}
```

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, 134, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 134, 117) }
```

Border

The CSS property to change the border of an element to Yxy 26.8806, 0.3739, 0.3550 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, 134, 117) }
```

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

```
.border{ border-color:rgb(170, 134, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 134, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 134, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 134, 117);  
box-shadow:4px 4px 4px 4px rgb(170, 134,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8806, 0.3739, 0.3550 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 134, 117) }
```

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

```
.background{ background-color: rgb(170,  
134, 117) }
```

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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