

Converting Colors

$Y_{xy}(26.2354, 0.3838, 0.4738)$

Have a look what the booklet for
Yxy(26.2354, 0.3838, 0.4738)
contains.

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Color

Yxy(26.0975, 0.3839, 0.4726)

Conversions

Conversions Part 1

Format	Color
Hex	88923A
RGB	136, 146, 58
RGB Percent	53%, 57%, 23%
CMY	0.4666, 0.4275, 0.7725
CMYK	0.07, 0.00, 0.60, 0.43
HSL	67°, 43%, 40%
HSV	67°, 60%, 57%
XYZ	21.1994, 26.0975, 7.9242
YIQ	132.9780, 22.2880, -29.4880

Conversions

Conversions Part 2

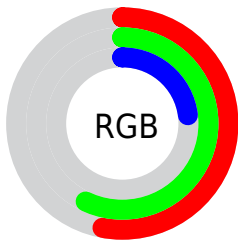
Format	Color
RYB	58, 146, 68
Decimal	8950330
CIELab	58.13, -16.30, 44.31
CIELCh	58, 47.210, 110.196
Yxy	26.0975, 0.3839, 0.4726
Android (android.graphics.Color)	4287140410 (0xFF88923A)
YUV	132.9780, -36.9642, 2.6503
Hunter-Lab	51.0857, -15.3266, 26.5631

Details

The Yxy color **26.0975, 0.3839, 0.4726** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **6.3308, 0.2096, 0.1460**, and the grayscale version is **23.5805, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4890, 0.3716, 0.4427**, and **10.2549, 0.3979, 0.5198** is the 20% darker color. If you saturate the color by 10%, you get **25.8331, 0.3914, 0.4905**, and if you desaturate by 10%, it is **26.4086, 0.3744, 0.4515**.

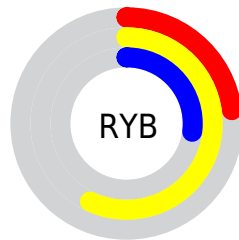
Distribution



Red (53%)

Green (57%)

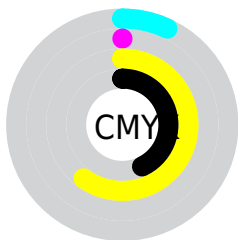
Blue (23%)



Red (23%)

Yellow (57%)

Blue (27%)

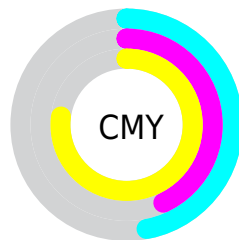


Cyan (7%)

Magenta (0%)

Yellow (60%)

Black (43%)



Cyan (47%)


Magenta (43%)

Yellow (77%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0975, 0.3839, 0.4726 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 26.0975, 0.3839, 0.4726 by changing the saturation by 10% instead.


 26.0975, 0.3839,
0.4726


 26.0975, 0.3839,
0.4726


283.2604, 0.3490,
0.3938

 16.8966, 0.3909,
0.4935


 53.4322, 0.3721,
0.4427

 10.1608, 0.3978,
0.5201


 72.3348, 0.3673,
0.4318


 5.5057, 0.4082,
0.5619

 95.2400, 0.3632,
0.4227

 2.5469, 0.4006,
0.5994

 122.5324, 0.3596,
0.4151

 0.9001, 0.3370,
0.6630

 154.5962, 0.3564,
0.4086

 0.0000, 0.0000,
0.0000

 191.8159, 0.3536,

0.4030

234.5758, 0.3512,
0.3981

■ 26.0975, 0.3839,
0.4726

■ 26.0975, 0.3839,
0.4726

■ 25.8331, 0.3914,
0.4905

■ 26.4086, 0.3744,
0.4515

■ 25.6080, 0.3964,
0.5044

■ 26.7661, 0.3633,
0.4282

■ 25.4193, 0.3991,
0.5142

■ 27.1740, 0.3512,
0.4035

■ 25.2593, 0.3999,
0.5207

■ 27.6350, 0.3385,
0.3784

■ 28.1517, 0.3256,
0.3536

■ 28.7264, 0.3130,
0.3296

■ 29.3613, 0.3009,
0.3070

■ 30.0584, 0.2895,
0.2858

■ 30.8197, 0.2788,
0.2664

Harmonies

Analogous

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



26.0975, 0.4444, 0.4340



26.0975, 0.3839, 0.4726



26.0975, 0.3084, 0.4658

Triad

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



26.0975, 0.3839, 0.4726



26.0975, 0.1760, 0.2494



26.0975, 0.3824, 0.2676

Complementary

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



26.0975, 0.3839, 0.4726



6.3308, 0.2096, 0.1460

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.



26.0975, 0.3003, 0.2288



26.0975, 0.3839, 0.4726



26.0975, 0.1896, 0.2154

Square

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



26.0975, 0.3839, 0.4726



26.0975, 0.1917, 0.3156



26.0975, 0.2317, 0.2100



26.0975, 0.4488, 0.3199

Rectangle

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



26.0975, 0.3839, 0.4726



26.0975, 0.2597, 0.4281



26.0975, 0.2317, 0.2100



26.0975, 0.3551, 0.2528

Sweetspot

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



26.0987, 0.3839, 0.4726



48.9197, 0.3360, 0.3736



10.4081, 0.4829, 0.3439



10.8320, 0.3394, 0.3802



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0987, 0.3839, 0.4726



45.4409, 0.3932, 0.4954



23.2001, 0.3354, 0.4996



6.7117, 0.3243, 0.3510



22.2357, 0.4000, 0.5206



0.2798, 0.4102, 0.5125

Inverse Universe

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



6.3308, 0.2096, 0.1460



7.4296, 0.1858, 0.1077



8.4692, 0.2655, 0.1700



5.6626, 0.3005, 0.3063



1.9330, 0.1552, 0.0628



0.0298, 0.1781, 0.0755

Previews

White Background



This preview shows how the Yxy color 26.0975, 0.3839, 0.4726 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 26.0975, 0.3839, 0.4726 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

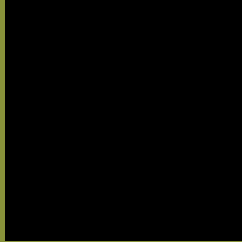
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0975, 0.3839, 0.4726

Background



This preview shows how black text looks on a background with the Yxy color 26.0975, 0.3839, 0.4726.



This preview shows how white text looks on a background with the Yxy color 26.0975, 0.3839, 0.4726.

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

26.0975, 0.3839, 0.4726

Protanopia

26.0103, 0.4132, 0.4552

Deuteranopia

26.0071, 0.4366, 0.4286



Tritanopia

26.0492, 0.3103, 0.3112

Trichromacy



Original Color

26.0975, 0.3839, 0.4726

Protanomaly

25.9373, 0.4022, 0.4611

Deuteranomaly

25.9875, 0.4172, 0.4438

Tritanomaly

25.7448, 0.3409, 0.3714

Monochromacy



Original Color

26.0975, 0.3839, 0.4726

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

24.2859, 0.3416, 0.3855

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0975, 0.3839, 0.4726 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(136, 146, 58)` looks like.

```
.text, #text, p{  
    color:rgb(136, 146, 58)  
}
```

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(136, 146, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 146, 58) }
```

Border

The CSS property to change the border of an element to Yxy 26.0975, 0.3839, 0.4726 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(136, 146, 58) }
```

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

```
.border{ border-color:rgb(136, 146, 58) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 146, 58)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 146, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 146, 58);  
box-shadow:4px 4px 4px 4px rgb(136, 146,  
58) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0975, 0.3839, 0.4726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 146, 58) }
```

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

```
.background{ background-color: rgb(136,  
146, 58) }
```

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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