

Converting Colors

$Y_{xy}(26.7343, 0.3933, 0.4227)$

Have a look what the booklet for
Yxy(26.7343, 0.3933, 0.4227)
contains.

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Color

Yxy(26.8119, 0.3931, 0.4231)

Conversions

Conversions Part 1

Format	Color
Hex	9D8D51
RGB	157, 141, 81
RGB Percent	62%, 55%, 32%
CMY	0.3844, 0.4470, 0.6823
CMYK	0.00, 0.10, 0.48, 0.38
HSL	47°, 32%, 47%
HSV	47°, 48%, 62%
XYZ	24.9108, 26.8119, 11.6474
YIQ	138.9440, 28.7960, -15.2680

Conversions

Conversions Part 2

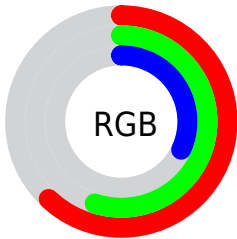
Format	Color
R_{YB}	101, 157, 81
Decimal	10325329
CIE _{Lab}	58.80, -2.44, 34.02
CIE _{LCh}	59, 34.111, 94.094
Yxy	26.8119, 0.3931, 0.4231
Android (android.graphics.Color)	4288515409 (0xFF9D8D51)
YUV	138.9440, -28.5664, 15.8351
Hunter-Lab	51.7802, -4.7413, 22.9095

Details

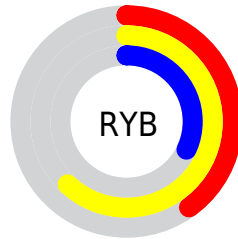
The Yxy color $26.8119, 0.3931, 0.4231$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.7256, 0.2288, 0.2118$, and the grayscale version is $25.8994, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.3957, 0.3772, 0.4031$, and $10.5407, 0.4177, 0.4521$ is the 20% darker color. If you saturate the color by 10%, you get $25.6460, 0.4102, 0.4399$, and if you desaturate by 10%, it is $28.0637, 0.3755, 0.4043$.

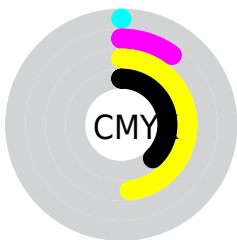
Distribution



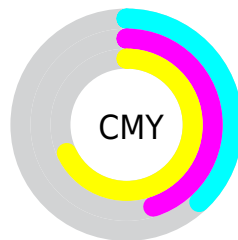
- Red (62%)
- Green (55%)
- Blue (32%)



- Red (40%)
- Yellow (62%)
- Blue (32%)



- Cyan (0%)
- Magenta (10%)
- Yellow (48%)
- Black (38%)





- Cyan (38%)
- Magenta (45%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8119, 0.3931, 0.4231 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 26.8119, 0.3931, 0.4231 by changing the saturation by 10% instead.


 26.8119, 0.3931,
0.4231


 26.8119, 0.3931,
0.4231


286.7452, 0.3506,
0.3727


 17.4320, 0.4039,
0.4363


 54.5819, 0.3773,
0.4042

 10.5430, 0.4175,
0.4532


 73.7408, 0.3715,
0.3972


 5.7604, 0.4345,
0.4749

 96.9281, 0.3666,
0.3914

 2.7000, 0.4750,
0.5250

 124.5282, 0.3624,
0.3865

 0.9772, 0.4701,
0.5299

 156.9256, 0.3588,
0.3823

 0.0000, 0.0000,
0.0000

194.5047, 0.3557,

0.3787

237.6497, 0.3530,
0.3755

■ 26.8119, 0.3931,
0.4231

■ 26.8119, 0.3931,
0.4231

■ 25.6460, 0.4102,
0.4399

■ 28.0637, 0.3755,
0.4043

■ 24.5583, 0.4260,
0.4539

■ 29.4013, 0.3581,
0.3846

■ 23.5453, 0.4399,
0.4640

■ 30.8294, 0.3412,
0.3646

■ 22.6019, 0.4512,
0.4698

■ 32.3512, 0.3252,
0.3449

■ 21.7182, 0.4601,
0.4716

■ 33.9695, 0.3104,
0.3260

■ 21.5797, 0.4615,
0.4718

■ 35.6874, 0.2968,
0.3082

■ 37.5074, 0.2844,
0.2916

■ 39.4320, 0.2732,
0.2762

■ 41.4638, 0.2631,
0.2621

Harmonies

Analogous

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



26.8119, 0.4235, 0.3891



26.8119, 0.3931, 0.4231



26.8119, 0.3425, 0.4329

Triad

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



26.8119, 0.3931, 0.4231



26.8119, 0.2142, 0.2967



26.8119, 0.3320, 0.2660

Complementary

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



26.8119, 0.3931, 0.4231



12.7256, 0.2288, 0.2118

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.



26.8119, 0.2754, 0.2438



26.8119, 0.3931, 0.4231



26.8119, 0.2120, 0.2571

Square

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



26.8119, 0.3931, 0.4231



26.8119, 0.2402, 0.3531



26.8119, 0.2331, 0.2398



26.8119, 0.3877, 0.3019

Rectangle

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



26.8119, 0.3931, 0.4231



26.8119, 0.3048, 0.4196



26.8119, 0.2331, 0.2398



26.8119, 0.3123, 0.2568

Sweetspot

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



26.8132, 0.3931, 0.4231



56.0626, 0.3361, 0.3584



13.9226, 0.4130, 0.3023



12.2214, 0.3393, 0.3622



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



26.8132, 0.3931, 0.4231



45.8020, 0.4114, 0.4411



29.8869, 0.3587, 0.4542



7.4836, 0.3266, 0.3466



17.5877, 0.4611, 0.4721



0.3691, 0.4417, 0.4875

Inverse Universe

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



12.7256, 0.2288, 0.2118



17.5908, 0.2089, 0.1806



11.1747, 0.2468, 0.1894



6.6499, 0.2988, 0.3108



2.9056, 0.1567, 0.0842



0.1051, 0.1747, 0.1490

Previews

White Background



This preview shows how the Yxy color 26.8119, 0.3931, 0.4231 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 26.8119, 0.3931, 0.4231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

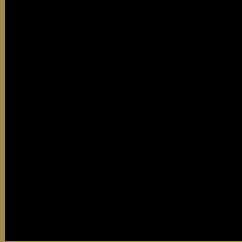
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8119, 0.3931, 0.4231

Background



This preview shows how black text looks on a background with the Yxy color 26.8119, 0.3931, 0.4231.



This preview shows how white text looks on a background with the Yxy color 26.8119, 0.3931, 0.4231.

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

26.8119, 0.3931, 0.4231

Protanopia

26.9086, 0.3901, 0.4254

Deuteranopia

26.7078, 0.4146, 0.4071



Tritanopia

26.8503, 0.3350, 0.3138

Trichromacy



Original Color

26.8119, 0.3931, 0.4231

Protanomaly

27.0080, 0.3912, 0.4249

Deuteranomaly

26.7160, 0.4071, 0.4118

Tritanomaly

26.8489, 0.3575, 0.3543

Monochromacy



Original Color

26.8119, 0.3931, 0.4231

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.1752, 0.3423, 0.3657

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8119, 0.3931, 0.4231 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(157, 141, 81)` looks like.

```
.text, #text, p{  
    color:rgb(157, 141, 81)  
}
```

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(157, 141, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 141, 81) }
```

Border

The CSS property to change the border of an element to Yxy 26.8119, 0.3931, 0.4231 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(157, 141, 81) }
```

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

```
.border{ border-color:rgb(157, 141, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 141, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 141, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 141, 81);  
box-shadow:4px 4px 4px 4px rgb(157, 141,  
81) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8119, 0.3931, 0.4231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 141, 81) }
```

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

```
.background{ background-color: rgb(157,  
141, 81) }
```

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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