

Converting Colors

$Y_{xy}(26.9238, 0.3891, 0.4239)$

Have a look what the booklet for
Yxy(26.9238, 0.3891, 0.4239)
contains.

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Color

Yxy(26.9238, 0.3891, 0.4239)

Conversions

Conversions Part 1

Format	Color
Hex	9B8E52
RGB	155, 142, 82
RGB Percent	61%, 56%, 32%
CMY	0.3922, 0.4431, 0.6784
CMYK	0.00, 0.08, 0.47, 0.39
HSL	49°, 31%, 46%
HSV	49°, 47%, 61%
XYZ	24.7135, 26.9238, 11.8772
YIQ	139.0470, 27.0080, -15.9040

Conversions

Conversions Part 2

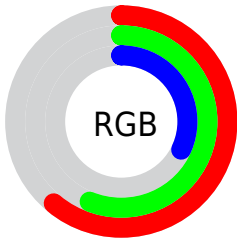
Format	Color
RYB	98, 155, 82
Decimal	10194514
CIELab	58.90, -3.73, 33.58
CIELCh	59, 33.790, 96.338
Yxy	26.9238, 0.3891, 0.4239
Android (android.graphics.Color)	4288384594 (0xFF9B8E52)
YUV	139.0470, -28.1242, 13.9908
Hunter-Lab	51.8881, -5.7876, 22.7502

Details

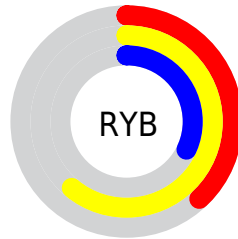
The Yxy color **26.9238, 0.3891, 0.4239** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.3445, 0.2305, 0.2110**, and the grayscale version is **25.9410, 0.3127, 0.3290**.

A 20% lighter version of the original color is **55.0222, 0.3738, 0.4046**, and **10.6004, 0.4117, 0.4542** is the 20% darker color. If you saturate the color by 10%, you get **25.9041, 0.4054, 0.4415**, and if you desaturate by 10%, it is **28.0196, 0.3722, 0.4044**.

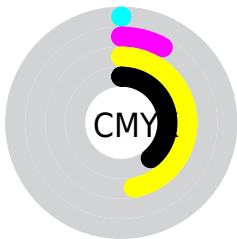
Distribution



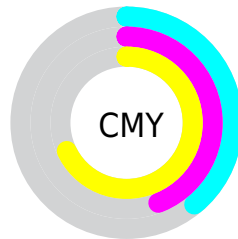
- Red (61%)
- Green (56%)
- Blue (32%)



- Red (38%)
- Yellow (61%)
- Blue (32%)



- Cyan (0%)
- Magenta (8%)
- Yellow (47%)
- Black (39%)




- Cyan (39%)
- Magenta (44%)
- Yellow (68%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9238, 0.3891, 0.4239 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 26.9238, 0.3891, 0.4239 by changing the saturation by 10% instead.


 26.9238, 0.3891,
0.4239


 26.9238, 0.3891,
0.4239


287.2880, 0.3488,
0.3728


 17.5160, 0.3993,
0.4374


 54.7616, 0.3742,
0.4046


 10.6031, 0.4122,
0.4548


 73.9603, 0.3686,
0.3976


 5.8006, 0.4281,
0.4775

 97.1915, 0.3640,
0.3917

 2.7242, 0.4685,
0.5315

 124.8396, 0.3600,
0.3868

 0.9895, 0.4609,
0.5391

 157.2888, 0.3566,
0.3825

 0.0000, 0.0000,
0.0000

194.9237, 0.3537,

0.3788

238.1287, 0.3511,
0.3756

■ 26.9238, 0.3891,
0.4239

■ 26.9238, 0.3891,
0.4239

■ 25.9041, 0.4054,
0.4415

■ 28.0196, 0.3722,
0.4044

■ 24.9531, 0.4204,
0.4564

■ 29.1912, 0.3553,
0.3839

■ 24.0676, 0.4335,
0.4675

■ 30.4431, 0.3388,
0.3632

■ 23.2429, 0.4440,
0.4743

■ 31.7782, 0.3232,
0.3429

■ 22.4711, 0.4519,
0.4771

■ 33.1992, 0.3086,
0.3234

■ 22.2525, 0.4541,
0.4776

■ 34.7089, 0.2951,
0.3051

■ 36.3096, 0.2828,
0.2879

■ 38.0038, 0.2717,
0.2721

■ 39.7937, 0.2616,
0.2575

Harmonies

Analogous

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



26.9238, 0.4210, 0.3915



26.9238, 0.3891, 0.4239



26.9238, 0.3381, 0.4311

Triad

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



26.9238, 0.3891, 0.4239



26.9238, 0.2142, 0.2935



26.9238, 0.3363, 0.2688

Complementary

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



26.9238, 0.3891, 0.4239



12.3445, 0.2305, 0.2110

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.



26.9238, 0.2797, 0.2456



26.9238, 0.3891, 0.4239



26.9238, 0.2137, 0.2558

Square

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



26.9238, 0.3891, 0.4239



26.9238, 0.2382, 0.3485



26.9238, 0.2364, 0.2403



26.9238, 0.3904, 0.3052

Rectangle

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



26.9238, 0.3891, 0.4239



26.9238, 0.3008, 0.4160



26.9238, 0.2364, 0.2403



26.9238, 0.3167, 0.2594

Sweetspot

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



26.9251, 0.3891, 0.4239



55.1805, 0.3343, 0.3574



13.8368, 0.4132, 0.3071



12.3825, 0.3375, 0.3616



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.



26.9251, 0.3891, 0.4239



46.2134, 0.4070, 0.4432



28.9477, 0.3550, 0.4519



7.0358, 0.3264, 0.3472



17.9234, 0.4538, 0.4779



0.3113, 0.4363, 0.4918

Inverse Universe

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



12.3445, 0.2305, 0.2110



16.7753, 0.2096, 0.1780



11.4120, 0.2520, 0.1947



6.1954, 0.2988, 0.3102



2.5947, 0.1553, 0.0790



0.0777, 0.1722, 0.1398

Previews

White Background



This preview shows how the Yxy color 26.9238, 0.3891, 0.4239 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 26.9238, 0.3891, 0.4239 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

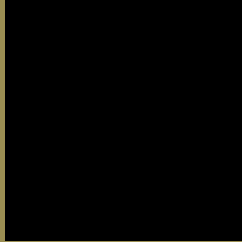
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9238, 0.3891, 0.4239

Background



This preview shows how black text looks on a background with the Yxy color 26.9238, 0.3891, 0.4239.



This preview shows how white text looks on a background with the Yxy color 26.9238, 0.3891, 0.4239.

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

26.9238, 0.3891, 0.4239

Protanopia

26.9238, 0.3891, 0.4239

Deuteranopia

26.7387, 0.4125, 0.4044



Tritanopia

26.9493, 0.3314, 0.3137

Trichromacy



Original Color

26.9238, 0.3891, 0.4239

Protanomaly

26.9238, 0.3891, 0.4239

Deuteranomaly

26.9085, 0.4041, 0.4123

Tritanomaly

26.9530, 0.3537, 0.3544

Monochromacy



Original Color

26.9238, 0.3891, 0.4239

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.0839, 0.3412, 0.3658

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9238, 0.3891, 0.4239 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(155, 142, 82)` looks like.

```
.text, #text, p{  
    color:rgb(155, 142, 82)  
}
```

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(155, 142, 82) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 142, 82) }
```

Border

The CSS property to change the border of an element to Yxy 26.9238, 0.3891, 0.4239 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(155, 142, 82) }
```

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

```
.border{ border-color:rgb(155, 142, 82) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 142, 82)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 142, 82); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 142, 82);  
box-shadow:4px 4px 4px 4px rgb(155, 142,  
82) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9238, 0.3891, 0.4239 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 142, 82) }
```

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

```
.background{ background-color: rgb(155,  
142, 82) }
```

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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