

Converting Colors

$Y_{xy}(26.8583, 0.3651, 0.3777)$

Have a look what the booklet for
Yxy(26.8583, 0.3651, 0.3777)
contains.

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Color

Yxy(26.7375, 0.3653, 0.3771)

Conversions

Conversions Part 1

Format	Color
Hex	9D8B6D
RGB	157, 139, 109
RGB Percent	62%, 55%, 43%
CMY	0.3842, 0.4549, 0.5725
CMYK	0.00, 0.11, 0.31, 0.38
HSL	37°, 20%, 52%
HSV	37°, 31%, 62%
XYZ	25.9008, 26.7375, 18.2646
YIQ	140.9620, 20.3580, -5.5140

Conversions

Conversions Part 2

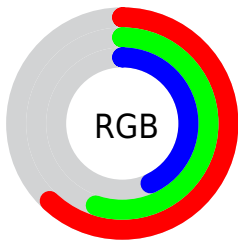
Format	Color
R _Y B	138, 157, 109
Decimal	10324845
CIE Lab	58.73, 2.05, 18.54
CIE LCh	59, 18.657, 83.700
Yxy	26.7375, 0.3653, 0.3771
Android (android.graphics.Color)	4288514925 (0xFF9D8B6D)
YUV	140.9620, -15.7573, 14.0653
Hunter-Lab	51.7083, -1.0784, 15.2532

Details

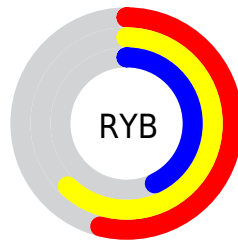
The Yxy color **26.7375, 0.3653, 0.3771** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.8730, 0.2639, 0.2756**, and the grayscale version is **26.6788, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.2695, 0.3540, 0.3664**, and **10.4849, 0.3846, 0.3938** is the 20% darker color. If you saturate the color by 10%, you get **24.7690, 0.3857, 0.3932**, and if you desaturate by 10%, it is **28.8609, 0.3464, 0.3609**.

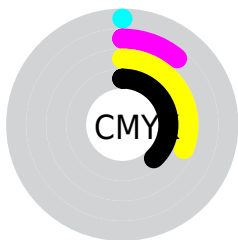
Distribution



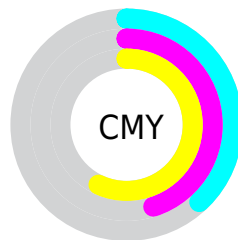
- Red (62%)
- Green (55%)
- Blue (43%)



- Red (54%)
- Yellow (62%)
- Blue (43%)



- Cyan (0%)
- Magenta (11%)
- Yellow (31%)
- Black (38%)





- Cyan (38%)
- Magenta (45%)
- Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7375, 0.3653, 0.3771 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 26.7375, 0.3653, 0.3771 by changing the saturation by 10% instead.


 26.7375, 0.3653,
0.3771

 26.7375, 0.3653,
0.3771


286.3839, 0.3366,
0.3511

 17.3762, 0.3733,
0.3842


 54.4624, 0.3543,
0.3672


 10.5031, 0.3840,
0.3937


 73.5947, 0.3503,
0.3636

 5.7338, 0.3991,
0.4068

 96.7528, 0.3471,
0.3607

 2.6839, 0.4216,
0.4259

 124.3211, 0.3443,
0.3582

 0.9690, 0.5016,
0.4984

156.6839, 0.3420,
0.3560

 0.0000, 0.0000,
0.0000

194.2257, 0.3400,

0.3542

237.3309, 0.3382,
0.3526

■ 26.7375, 0.3653,
0.3771

■ 26.7375, 0.3653,
0.3771

■ 24.7690, 0.3857,
0.3932

■ 28.8609, 0.3464,
0.3609

■ 22.9470, 0.4073,
0.4084

■ 31.1400, 0.3291,
0.3450

■ 21.2679, 0.4294,
0.4218

■ 33.5801, 0.3136,
0.3299

■ 19.7263, 0.4510,
0.4322

■ 36.1851, 0.2997,
0.3156

■ 18.3160, 0.4712,
0.4387

■ 38.9589, 0.2873,
0.3023

■ 17.0304, 0.4889,
0.4404

■ 41.9051, 0.2764,
0.2901

■ 15.9201, 0.5035,
0.4384

■ 45.0272, 0.2667,
0.2789

■ 48.3285, 0.2581,
0.2686

■ 51.8125, 0.2504,
0.2591

Harmonies

Analogous

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



26.7375, 0.3753, 0.3569



26.7375, 0.3653, 0.3771



26.7375, 0.3411, 0.3852

Triad

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



26.7375, 0.3653, 0.3771



26.7375, 0.2606, 0.3229



26.7375, 0.3129, 0.2871

Complementary

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



26.7375, 0.3653, 0.3771



20.8730, 0.2639, 0.2756

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.



26.7375, 0.2829, 0.2778



26.7375, 0.3653, 0.3771



26.7375, 0.2538, 0.2965

Square

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



26.7375, 0.3653, 0.3771



26.7375, 0.2808, 0.3529



26.7375, 0.2618, 0.2807



26.7375, 0.3443, 0.3062

Rectangle

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



26.7375, 0.3653, 0.3771



26.7375, 0.3207, 0.3813



26.7375, 0.2618, 0.2807



26.7375, 0.3023, 0.2827

Sweetspot

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



26.7387, 0.3653, 0.3771



56.3487, 0.3268, 0.3428



19.6515, 0.3538, 0.2992



12.2721, 0.3290, 0.3449



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.



26.7387, 0.3653, 0.3771



45.3293, 0.3797, 0.3886



31.8451, 0.3516, 0.4048



7.3015, 0.3269, 0.3429



12.9989, 0.5027, 0.4391



0.3116, 0.4622, 0.4712

Inverse Universe

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



20.8730, 0.2639, 0.2756



33.0540, 0.2517, 0.2607



16.9915, 0.2662, 0.2435



6.8229, 0.2988, 0.3147



4.5789, 0.1675, 0.1228



0.1600, 0.1891, 0.2008

Previews

White Background



This preview shows how the Yxy color 26.7375, 0.3653, 0.3771 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 26.7375, 0.3653, 0.3771 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

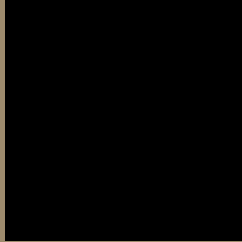
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7375, 0.3653, 0.3771

Background



This preview shows how black text looks on a background with the Yxy color 26.7375, 0.3653, 0.3771.



This preview shows how white text looks on a background with the Yxy color 26.7375, 0.3653, 0.3771.

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

26.7375, 0.3653, 0.3771

Protanopia

26.7549, 0.3563, 0.3798

Deuteranopia

26.8411, 0.3762, 0.3693



Tritanopia

26.6716, 0.3316, 0.3121

Trichromacy



Original Color

26.7375, 0.3653, 0.3771

Protanomaly

26.6543, 0.3591, 0.3778

Deuteranomaly

26.8036, 0.3722, 0.3714

Tritanomaly

26.7478, 0.3444, 0.3354

Monochromacy



Original Color

26.7375, 0.3653, 0.3771

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.5442, 0.3318, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7375, 0.3653, 0.3771 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, 139, 109)` looks like.

```
.text, #text, p{  
    color:rgb(157, 139, 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(157, 139, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 139, 109) }
```

Border

The CSS property to change the border of an element to Yxy 26.7375, 0.3653, 0.3771 is called "border". The border property can be set on classes, ids or directly on the HTML element.

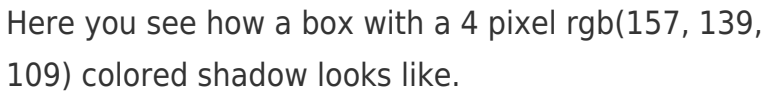
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(157, 139, 109) }
```

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

```
.border{ border-color:rgb(157, 139, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(157, 139, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 139, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 139, 109);  
box-shadow:4px 4px 4px 4px rgb(157, 139,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7375, 0.3653, 0.3771 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 139, 109) }
```

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

```
.background{ background-color: rgb(157,  
139, 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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