

Converting Colors

$Y_{xy}(26.5400, 0.3707, 0.3854)$

Have a look what the booklet for
Yxy(26.5400, 0.3707, 0.3854)
contains.

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Color

Yxy(26.6328, 0.3707, 0.3851)

Conversions

Conversions Part 1

Format	Color
Hex	9D8B68
RGB	157, 139, 104
RGB Percent	62%, 55%, 41%
CMY	0.3843, 0.4549, 0.5921
CMYK	0.00, 0.11, 0.34, 0.38
HSL	40°, 21%, 51%
HSV	40°, 34%, 62%
XYZ	25.6369, 26.6328, 16.8884
YIQ	140.3920, 21.9630, -7.0690

Conversions

Conversions Part 2

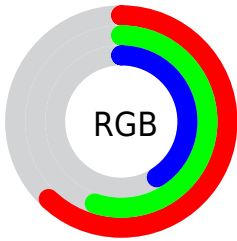
Format	Color
R _Y B	131, 157, 104
Decimal	10324840
CIE Lab	58.63, 1.36, 21.22
CIE LCh	59, 21.263, 86.323
Yxy	26.6328, 0.3707, 0.3851
Android (android.graphics.Color)	4288514920 (0xFF9D8B68)
YUV	140.3920, -17.9413, 14.5652
Hunter-Lab	51.6070, -1.6383, 16.7222

Details

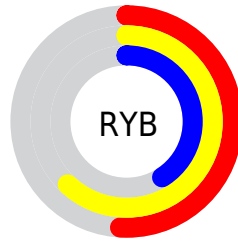
The Yxy color $26.6328, 0.3707, 0.3851$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $19.3003, 0.2580, 0.2655$, and the grayscale version is $26.4518, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.0629, 0.3588, 0.3736$, and $10.4335, 0.3924, 0.4049$ is the 20% darker color. If you saturate the color by 10%, you get $24.8369, 0.3908, 0.4018$, and if you desaturate by 10%, it is $28.5659, 0.3517, 0.3680$.

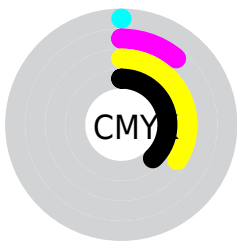
Distribution



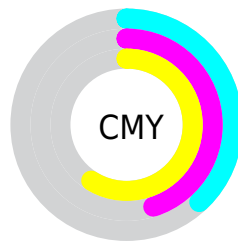
- Red (62%)
- Green (55%)
- Blue (41%)



- Red (51%)
- Yellow (62%)
- Blue (41%)



- Cyan (0%)
- Magenta (11%)
- Yellow (34%)
- Black (38%)





- Cyan (38%)
- Magenta (45%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6328, 0.3707, 0.3851 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 26.6328, 0.3707, 0.3851 by changing the saturation by 10% instead.


 26.6328, 0.3707,
0.3851


 26.6328, 0.3707,
0.3851


285.8748, 0.3392,
0.3548

 17.2976, 0.3794,
0.3934


 54.2941, 0.3586,
0.3736


 10.4469, 0.3910,
0.4043


 73.3890, 0.3543,
0.3694

 5.6963, 0.4071,
0.4194

 96.5059, 0.3507,
0.3659

 2.6613, 0.4316,
0.4418

 124.0292, 0.3477,
0.3630

 0.9576, 0.4969,
0.5031

156.3434, 0.3451,
0.3605

 0.0000, 0.0000,
0.0000

193.8328, 0.3428,

0.3583

236.8818, 0.3409,
0.3565

■ 26.6328, 0.3707,
0.3851

■ 26.6328, 0.3707,
0.3851

■ 24.8369, 0.3908,
0.4018

■ 28.5659, 0.3517,
0.3680

■ 23.1703, 0.4116,
0.4172

■ 30.6366, 0.3342,
0.3511

■ 21.6293, 0.4324,
0.4305

■ 32.8501, 0.3183,
0.3349

■ 20.2089, 0.4522,
0.4405

■ 35.2099, 0.3039,
0.3195

■ 18.9032, 0.4701,
0.4462

■ 37.7196, 0.2910,
0.3051

■ 17.7056, 0.4852,
0.4470

■ 40.3826, 0.2796,
0.2918

■ 17.0027, 0.4938,
0.4461

■ 43.2020, 0.2694,
0.2796

■ 46.1810, 0.2603,
0.2683

■ 49.3226, 0.2522,
0.2580

Harmonies

Analogous

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



26.6328, 0.3840, 0.3627



26.6328, 0.3707, 0.3851



26.6328, 0.3419, 0.3933

Triad

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



26.6328, 0.3707, 0.3851



26.6328, 0.2522, 0.3187



26.6328, 0.3160, 0.2831

Complementary

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



26.6328, 0.3707, 0.3851



19.3003, 0.2580, 0.2655

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.



26.6328, 0.2813, 0.2714



26.6328, 0.3707, 0.3851



26.6328, 0.2461, 0.2897

Square

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



26.6328, 0.3707, 0.3851



26.6328, 0.2738, 0.3535



26.6328, 0.2564, 0.2733



26.6328, 0.3515, 0.3053

Rectangle

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



26.6328, 0.3707, 0.3851



26.6328, 0.3184, 0.3880



26.6328, 0.2564, 0.2733



26.6328, 0.3038, 0.2778

Sweetspot

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



26.6340, 0.3707, 0.3851



56.2456, 0.3284, 0.3453



18.4902, 0.3621, 0.2988



12.2647, 0.3305, 0.3474



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.



26.6340, 0.3707, 0.3851



45.0911, 0.3868, 0.3986



31.5099, 0.3537, 0.4133



7.3405, 0.3269, 0.3437



13.8789, 0.4931, 0.4467



0.3234, 0.4575, 0.4749

Inverse Universe

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



19.3003, 0.2580, 0.2655



29.8016, 0.2440, 0.2472



15.7792, 0.2624, 0.2337



6.7853, 0.2988, 0.3138



4.1330, 0.1648, 0.1131



0.1482, 0.1863, 0.1907

Previews

White Background



This preview shows how the Yxy color 26.6328, 0.3707, 0.3851 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 26.6328, 0.3707, 0.3851 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

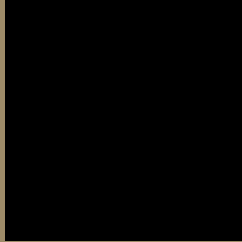
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6328, 0.3707, 0.3851

Background



This preview shows how black text looks on a background with the Yxy color 26.6328, 0.3707, 0.3851.



This preview shows how white text looks on a background with the Yxy color 26.6328, 0.3707, 0.3851.

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

26.6328, 0.3707, 0.3851

Protanopia

26.6490, 0.3616, 0.3880

Deuteranopia

26.5634, 0.3836, 0.3753



Tritanopia

26.6409, 0.3327, 0.3137

Trichromacy



Original Color

26.6328, 0.3707, 0.3851

Protanomaly

26.5484, 0.3644, 0.3860

Deuteranomaly

26.4148, 0.3783, 0.3777

Tritanomaly

26.6669, 0.3477, 0.3401

Monochromacy



Original Color

26.6328, 0.3707, 0.3851

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.3995, 0.3328, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6328, 0.3707, 0.3851 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, 104)` looks like.

```
.text, #text, p{  
    color:rgb(157, 139, 104)  
}
```

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, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 139, 104) }
```

Border

The CSS property to change the border of an element to Yxy 26.6328, 0.3707, 0.3851 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, 104) }
```

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

```
.border{ border-color:rgb(157, 139, 104) }
```

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, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(157, 139, 104); -webkit-box-shadow:4px 4px 4px 4px rgb(157, 139, 104); box-shadow:4px 4px 4px 4px rgb(157, 139, 104) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6328, 0.3707, 0.3851 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, 104) }
```

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

```
.background{ background-color: rgb(157,  
139, 104) }
```

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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