

Converting Colors

$Y_{xy}(26.8278, 0.3458, 0.3468)$

Have a look what the booklet for
Yxy(26.8278, 0.3458, 0.3468)
contains.

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Color

Yxy(26.8774, 0.3459, 0.3466)

Conversions

Conversions Part 1

Format	Color
Hex	9D8A7F
RGB	157, 138, 127
RGB Percent	62%, 54%, 50%
CMY	0.3843, 0.4588, 0.5020
CMYK	0.00, 0.12, 0.19, 0.38
HSL	22°, 13%, 56%
HSV	22°, 19%, 62%
XYZ	26.8231, 26.8774, 23.8454
YIQ	142.4270, 14.8550, 0.6070

Conversions

Conversions Part 2

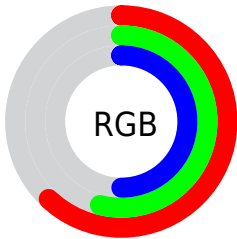
Format	Color
RYB	157, 144, 127
Decimal	10324607
CIELab	58.86, 5.29, 8.52
CIELCh	59, 10.026, 58.159
Yxy	26.8774, 0.3459, 0.3466
Android (android.graphics.Color)	4288514687 (0xFF9D8A7F)
YUV	142.4270, -7.6055, 12.7805
Hunter-Lab	51.8434, 1.6276, 9.0200

Details

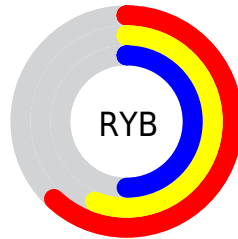
The Yxy color $26.8774, 0.3459, 0.3466$ is a dark color, and the websafe version is hex 999999 . A complement of this color would be $27.4956, 0.2838, 0.3107$, and the grayscale version is $27.2548, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5539, 0.3388, 0.3422$, and $10.5328, 0.3575, 0.3523$ is the 20% darker color. If you saturate the color by 10%, you get $23.7790, 0.3675, 0.3564$, and if you desaturate by 10%, it is $30.3028, 0.3273, 0.3371$.

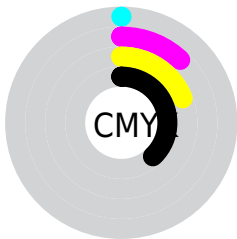
Distribution



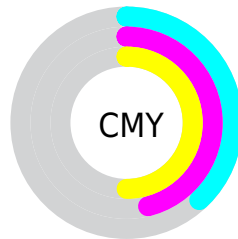
- Red (62%)
- Green (54%)
- Blue (50%)



- Red (62%)
- Yellow (56%)
- Blue (50%)



- Cyan (0%)
- Magenta (12%)
- Yellow (19%)
- Black (38%)





- Cyan (38%)
- Magenta (46%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8774, 0.3459, 0.3466 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 26.8774, 0.3459, 0.3466 by changing the saturation by 10% instead.


 26.8774, 0.3459,
0.3466


 26.8774, 0.3459,
0.3466


287.0630, 0.3277,
0.3372


 17.4812, 0.3511,
0.3492


 54.6871, 0.3388,
0.3430

 10.5781, 0.3581,
0.3526


 73.8693, 0.3363,
0.3417

 5.7839, 0.3684,
0.3574

 97.0823, 0.3343,
0.3407

 2.7141, 0.3844,
0.3646

124.7105, 0.3325,
0.3397

 0.9844, 0.4260,
0.3878

157.1383, 0.3311,
0.3390

 0.0000, 1.0000,
0.0000

194.7500, 0.3298,

 0.0000, 0.0000,

0.3383

0.0000

237.9302, 0.3287,
0.3377

■ 26.8774, 0.3459,
0.3466

■ 26.8774, 0.3459,
0.3466

■ 23.7790, 0.3675,
0.3564

■ 30.3028, 0.3273,
0.3371

■ 20.9941, 0.3924,
0.3663

■ 34.0610, 0.3114,
0.3282

■ 18.5135, 0.4206,
0.3756

■ 38.1622, 0.2978,
0.3200

■ 16.3260, 0.4517,
0.3835

■ 42.6152, 0.2862,
0.3124

■ 14.4199, 0.4846,
0.3890

■ 47.4284, 0.2763,
0.3054

■ 12.7825, 0.5176,
0.3908

■ 52.6097, 0.2677,
0.2991

■ 11.3996, 0.5479,
0.3879

■ 58.1670, 0.2603,
0.2933

■ 10.2511, 0.5743,
0.3810

■ 64.1078, 0.2539,
0.2880

■ 10.1601, 0.5766,
0.3804

■ 69.5543, 0.2545,
0.2973

Harmonies

Analogous

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



26.8774, 0.3431, 0.3329



26.8774, 0.3459, 0.3466



26.8774, 0.3395, 0.3562

Triad

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



26.8774, 0.3459, 0.3466



26.8774, 0.2936, 0.3395



26.8774, 0.2990, 0.3011

Complementary

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



26.8774, 0.3459, 0.3466



27.4956, 0.2838, 0.3107

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.



26.8774, 0.2863, 0.3021



26.8774, 0.3459, 0.3466



26.8774, 0.2832, 0.3239

Square

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



26.8774, 0.3459, 0.3466



26.8774, 0.3091, 0.3524



26.8774, 0.2806, 0.3102



26.8774, 0.3156, 0.3071

Rectangle

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



26.8774, 0.3459, 0.3466



26.8774, 0.3311, 0.3587



26.8774, 0.2806, 0.3102



26.8774, 0.2941, 0.3006

Sweetspot

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



26.8786, 0.3459, 0.3466



56.2275, 0.3223, 0.3344



24.4169, 0.3270, 0.2992



12.2872, 0.3232, 0.3349



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.



26.8786, 0.3459, 0.3466



45.6668, 0.3548, 0.3508



31.4826, 0.3418, 0.3694



7.0252, 0.3275, 0.3373



8.3174, 0.5752, 0.3815



0.2261, 0.5068, 0.4358

Inverse Universe

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



27.4956, 0.2838, 0.3107



46.9785, 0.2772, 0.3061



23.1727, 0.2823, 0.2851



7.0995, 0.2988, 0.3206



9.3500, 0.1908, 0.2067



0.2455, 0.2059, 0.2614

Previews

White Background



This preview shows how the Yxy color 26.8774, 0.3459, 0.3466 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 26.8774, 0.3459, 0.3466 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

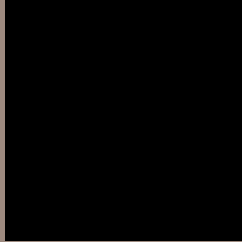
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8774, 0.3459, 0.3466

Background



This preview shows how black text looks on a background with the Yxy color 26.8774, 0.3459, 0.3466.



This preview shows how white text looks on a background with the Yxy color 26.8774, 0.3459, 0.3466.

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

26.8774, 0.3459, 0.3466

Protanopia

26.8378, 0.3316, 0.3487

Deuteranopia

27.0007, 0.3508, 0.3448



Tritanopia

26.7742, 0.3281, 0.3120

Trichromacy



Original Color

26.8774, 0.3459, 0.3466

Protanomaly

26.8940, 0.3374, 0.3485

Deuteranomaly

26.8972, 0.3496, 0.3448

Tritanomaly

26.7415, 0.3344, 0.3244

Monochromacy



Original Color

26.8774, 0.3459, 0.3466

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.0589, 0.3233, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8774, 0.3459, 0.3466 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, 138, 127)` looks like.

```
.text, #text, p{  
    color:rgb(157, 138, 127)  
}
```

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, 138, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 138, 127) }
```

Border

The CSS property to change the border of an element to Yxy 26.8774, 0.3459, 0.3466 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, 138, 127) }
```

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

```
.border{ border-color:rgb(157, 138, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 138, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 138, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 138, 127);  
box-shadow:4px 4px 4px 4px rgb(157, 138,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8774, 0.3459, 0.3466 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 138, 127) }
```

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

```
.background{ background-color: rgb(157,  
138, 127) }
```

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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