

Converting Colors

$Y_{xy}(26.9179, 0.3471, 0.3559)$

Have a look what the booklet for
Yxy(26.9179, 0.3471, 0.3559)
contains.

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Color

Yxy(26.7653, 0.3465, 0.3548)

Conversions

Conversions Part 1

Format	Color
Hex	9A8B7B
RGB	154, 139, 123
RGB Percent	60%, 55%, 48%
CMY	0.3960, 0.4549, 0.5176
CMYK	0.00, 0.10, 0.20, 0.40
HSL	31°, 13%, 54%
HSV	31°, 20%, 60%
XYZ	26.1392, 26.7653, 22.5332
YIQ	141.6610, 14.0760, -1.7960

Conversions

Conversions Part 2

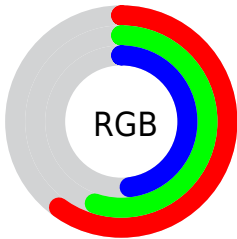
Format	Color
R_{YB}	152, 154, 123
Decimal	10128251
CIE Lab	58.76, 2.93, 10.59
CIE LCh	59, 10.988, 74.551
Yxy	26.7653, 0.3465, 0.3548
Android (android.graphics.Color)	4288318331 (0xFF9A8B7B)
YUV	141.6610, -9.1999, 10.8213
Hunter-Lab	51.7352, -0.3496, 10.3909

Details

The Yxy color **26.7653, 0.3465, 0.3548** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.7394, 0.2818, 0.3018**, and the grayscale version is **26.9444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.3497, 0.3401, 0.3495**, and **10.5227, 0.3601, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **24.3211, 0.3666, 0.3684**, and if you desaturate by 10%, it is **29.4204, 0.3286, 0.3416**.

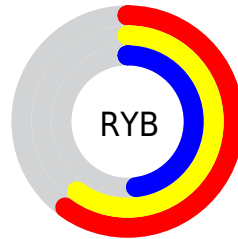
Distribution



Red (60%)

Green (55%)

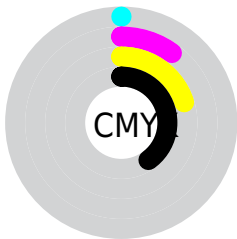
Blue (48%)



Red (60%)

Yellow (60%)

Blue (48%)

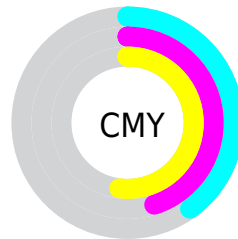


Cyan (0%)

Magenta (10%)

Yellow (20%)

Black (40%)



Cyan (40%)


Magenta (45%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7653, 0.3465, 0.3548 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 26.7653, 0.3465, 0.3548 by changing the saturation by 10% instead.


 26.7653, 0.3465,
0.3548


 26.7653, 0.3465,
0.3548


286.5189, 0.3280,
0.3409


 17.3970, 0.3517,
0.3587


 54.5070, 0.3393,
0.3495

 10.5180, 0.3589,
0.3639


 73.6493, 0.3368,
0.3475

 5.7437, 0.3692,
0.3712

 96.8183, 0.3347,
0.3459

 2.6899, 0.3852,
0.3824

124.3985, 0.3329,
0.3446

 0.9721, 0.4377,
0.4246

156.7743, 0.3314,
0.3435

 0.0000, 0.0000,
0.0000

194.3300, 0.3301,

0.3425

237.4501, 0.3290,
0.3416

■ 26.7653, 0.3465,
0.3548

■ 26.7653, 0.3465,
0.3548

■ 24.3211, 0.3666,
0.3684

■ 29.4204, 0.3286,
0.3416

■ 22.0784, 0.3889,
0.3819

■ 32.2883, 0.3129,
0.3292

■ 20.0324, 0.4133,
0.3947

■ 35.3755, 0.2991,
0.3175

■ 18.1765, 0.4391,
0.4058

■ 38.6869, 0.2871,
0.3067

■ 16.5040, 0.4654,
0.4143

■ 42.2275, 0.2765,
0.2967

■ 15.0071, 0.4909,
0.4187

■ 46.0019, 0.2673,
0.2876

■ 13.6776, 0.5140,
0.4183

■ 50.0147, 0.2592,
0.2792

■ 12.5142, 0.5343,
0.4140

■ 54.2704, 0.2520,
0.2716

■ 58.3377, 0.2490,
0.2715

Harmonies

Analogous

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



26.7653, 0.3491, 0.3417



26.7653, 0.3465, 0.3548



26.7653, 0.3347, 0.3614

Triad

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



26.7653, 0.3465, 0.3548



26.7653, 0.2846, 0.3312



26.7653, 0.3073, 0.3012

Complementary

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



26.7653, 0.3465, 0.3548



24.7394, 0.2818, 0.3018

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.



26.7653, 0.2905, 0.2979



26.7653, 0.3465, 0.3548



26.7653, 0.2777, 0.3146

Square

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



26.7653, 0.3465, 0.3548



26.7653, 0.2989, 0.3477



26.7653, 0.2798, 0.3026



26.7653, 0.3261, 0.3113

Rectangle

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



26.7653, 0.3465, 0.3548



26.7653, 0.3234, 0.3608



26.7653, 0.2798, 0.3026



26.7653, 0.3013, 0.2993

Sweetspot

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



26.7665, 0.3465, 0.3548



55.4646, 0.3221, 0.3365



22.8937, 0.3327, 0.3041



12.4848, 0.3230, 0.3373



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.



26.7665, 0.3465, 0.3548



46.6265, 0.3550, 0.3607



31.4243, 0.3422, 0.3777



6.7225, 0.3271, 0.3405



10.2634, 0.5332, 0.4149



0.2262, 0.4756, 0.4606

Inverse Universe

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



24.7394, 0.2818, 0.3018



42.2856, 0.2749, 0.2951



20.7170, 0.2802, 0.2752



6.4959, 0.2989, 0.3173



6.0359, 0.1768, 0.1565



0.1626, 0.1981, 0.2332

Previews

White Background



This preview shows how the Yxy color 26.7653, 0.3465, 0.3548 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 26.7653, 0.3465, 0.3548 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

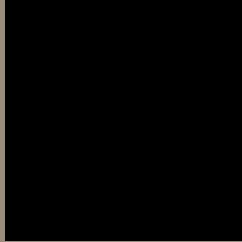
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7653, 0.3465, 0.3548

Background



This preview shows how black text looks on a background with the Yxy color 26.7653, 0.3465, 0.3548.



This preview shows how white text looks on a background with the Yxy color 26.7653, 0.3465, 0.3548.

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

26.7653, 0.3465, 0.3548

Protanopia

26.8009, 0.3380, 0.3570

Deuteranopia

26.6406, 0.3545, 0.3480



Tritanopia

26.8517, 0.3257, 0.3135

Trichromacy



Original Color

26.7653, 0.3465, 0.3548

Protanomaly

26.6954, 0.3405, 0.3552

Deuteranomaly

26.6157, 0.3506, 0.3497

Tritanomaly

26.7942, 0.3330, 0.3275

Monochromacy



Original Color

26.7653, 0.3465, 0.3548

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.9100, 0.3242, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7653, 0.3465, 0.3548 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(154, 139, 123)` looks like.

```
.text, #text, p{  
    color:rgb(154, 139, 123)  
}
```

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(154, 139, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 139, 123) }
```

Border

The CSS property to change the border of an element to Yxy 26.7653, 0.3465, 0.3548 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(154, 139, 123) }
```

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

```
.border{ border-color:rgb(154, 139, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 139, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 139, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 139, 123);  
box-shadow:4px 4px 4px 4px rgb(154, 139,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7653, 0.3465, 0.3548 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 139, 123) }
```

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

```
.background{ background-color: rgb(154,  
139, 123) }
```

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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