

Converting Colors

$Y_{xy}(26.5227, 0.3859, 0.3784)$

Have a look what the booklet for
Yxy(26.5227, 0.3859, 0.3784)
contains.

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Color

Yxy(26.5227, 0.3859, 0.3784)

Conversions

Conversions Part 1

Format	Color
Hex	A78767
RGB	167, 135, 103
RGB Percent	65%, 53%, 40%
CMY	0.3451, 0.4706, 0.5962
CMYK	0.00, 0.19, 0.38, 0.35
HSL	30°, 27%, 53%
HSV	30°, 38%, 65%
XYZ	27.0484, 26.5227, 16.5206
YIQ	140.9200, 29.3440, -3.1680

Conversions

Conversions Part 2

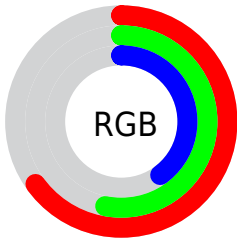
Format	Color
R_{YB}	167, 167, 103
Decimal	10979175
CIE _{Lab}	58.53, 7.63, 21.83
CIE _{LCh}	59, 23.123, 70.731
Yxy	26.5227, 0.3859, 0.3784
Android (android.graphics.Color)	4289169255 (0xFFA78767)
YUV	140.9200, -18.6946, 22.8722
Hunter-Lab	51.5002, 3.6245, 17.0307

Details

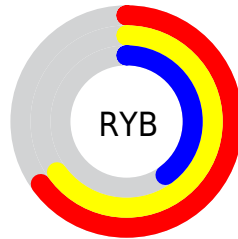
The Yxy color **26.5227, 0.3859, 0.3784** is a dark color, and the websafe version is hex **CC9966**. A complement of this color would be **22.9956, 0.2524, 0.2734**, and the grayscale version is **26.6693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9875, 0.3706, 0.3688**, and **10.3599, 0.4125, 0.3920** is the 20% darker color. If you saturate the color by 10%, you get **23.9826, 0.4105, 0.3911**, and if you desaturate by 10%, it is **29.3149, 0.3635, 0.3651**.

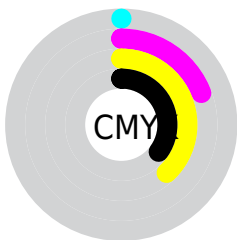
Distribution



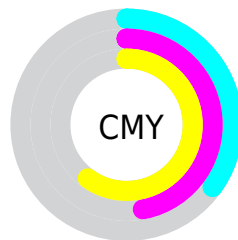
- Red (65%)
- Green (53%)
- Blue (40%)



- Red (65%)
- Yellow (65%)
- Blue (40%)



- Cyan (0%)
- Magenta (19%)
- Yellow (38%)
- Black (35%)





- Cyan (35%)
- Magenta (47%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5227, 0.3859, 0.3784 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 26.5227, 0.3859, 0.3784 by changing the saturation by 10% instead.


 26.5227, 0.3859,
0.3784


 26.5227, 0.3859,
0.3784


285.3386, 0.3459,
0.3524


 17.2151, 0.3970,
0.3852


 54.1170, 0.3705,
0.3687

 10.3880, 0.4120,
0.3939


 73.1725, 0.3650,
0.3651

 5.6569, 0.4330,
0.4053


 96.2460, 0.3604,
0.3621

 2.6376, 0.4654,
0.4215

 123.7220, 0.3566,
0.3596

 0.9456, 0.5395,
0.4605

155.9849, 0.3533,
0.3574

 0.0000, 1.0000,
0.0000

193.4190, 0.3505,

 0.0000, 0.0000,

0.3555

0.0000

236.4088, 0.3480,
0.3538

■ 26.5227, 0.3859,
0.3784

■ 26.5227, 0.3859,
0.3784

■ 23.9826, 0.4105,
0.3911

■ 29.3149, 0.3635,
0.3651

■ 21.6827, 0.4368,
0.4023

■ 32.3632, 0.3435,
0.3519

■ 19.6156, 0.4640,
0.4109

■ 35.6762, 0.3258,
0.3391

■ 17.7716, 0.4905,
0.4157

■ 39.2608, 0.3103,
0.3270

■ 16.1404, 0.5149,
0.4156

■ 43.1237, 0.2967,
0.3158

■ 14.7065, 0.5360,
0.4107

■ 47.2713, 0.2849,
0.3054

■ 14.4840, 0.5396,
0.4098

■ 51.7099, 0.2746,
0.2958

■ 56.4453, 0.2656,
0.2871

■ 61.4834, 0.2578,
0.2791

Harmonies

Analogous

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



26.5227, 0.3893, 0.3493



26.5227, 0.3859, 0.3784



26.5227, 0.3622, 0.3968

Triad

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



26.5227, 0.3859, 0.3784



26.5227, 0.2573, 0.3373



26.5227, 0.2957, 0.2711

Complementary

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



26.5227, 0.3859, 0.3784



22.9956, 0.2524, 0.2734

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.



26.5227, 0.2628, 0.2657



26.5227, 0.3859, 0.3784



26.5227, 0.2418, 0.3010

Square

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



26.5227, 0.3859, 0.3784



26.5227, 0.2876, 0.3737



26.5227, 0.2438, 0.2757



26.5227, 0.3353, 0.2897

Rectangle

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



26.5227, 0.3859, 0.3784



26.5227, 0.3388, 0.3989



26.5227, 0.2438, 0.2757



26.5227, 0.2836, 0.2677

Sweetspot

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



26.5239, 0.3859, 0.3784



61.5303, 0.3324, 0.3440



19.6619, 0.3583, 0.2801



13.6044, 0.3345, 0.3456



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5239, 0.3859, 0.3784



43.6050, 0.4067, 0.3893



36.8339, 0.3690, 0.4220



8.1390, 0.3274, 0.3403



11.1809, 0.5381, 0.4109



0.3745, 0.4893, 0.4497

Inverse Universe

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



22.9956, 0.2524, 0.2734



36.3754, 0.2390, 0.2585



15.3695, 0.2439, 0.2153



7.8968, 0.2987, 0.3174



7.0224, 0.1780, 0.1606



0.2733, 0.1948, 0.2214

Previews

White Background



This preview shows how the Yxy color 26.5227, 0.3859, 0.3784 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 26.5227, 0.3859, 0.3784 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

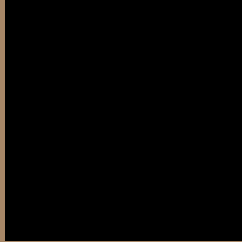
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5227, 0.3859, 0.3784

Background



This preview shows how black text looks on a background with the Yxy color 26.5227, 0.3859, 0.3784.



This preview shows how white text looks on a background with the Yxy color 26.5227, 0.3859, 0.3784.

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

26.5227, 0.3859, 0.3784

Protanopia

26.6697, 0.3606, 0.3863

Deuteranopia

26.5227, 0.3859, 0.3784



Tritanopia

26.5166, 0.3496, 0.3142

Trichromacy



Original Color

26.5227, 0.3859, 0.3784

Protanomaly

26.6533, 0.3696, 0.3835

Deuteranomaly

26.5227, 0.3859, 0.3784

Tritanomaly

26.5809, 0.3631, 0.3367

Monochromacy



Original Color

26.5227, 0.3859, 0.3784

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.4816, 0.3376, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5227, 0.3859, 0.3784 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(167, 135, 103)` looks like.

```
.text, #text, p{  
    color:rgb(167, 135, 103)  
}
```

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(167, 135, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 135, 103) }
```

Border

The CSS property to change the border of an element to Yxy 26.5227, 0.3859, 0.3784 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(167, 135, 103) }
```

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

```
.border{ border-color:rgb(167, 135, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 135, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 135, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 135, 103);  
box-shadow:4px 4px 4px 4px rgb(167, 135,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5227, 0.3859, 0.3784 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 135, 103) }
```

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

```
.background{ background-color: rgb(167,  
135, 103) }
```

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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