

Converting Colors

$Y_{xy}(26.5160, 0.3584, 0.3635)$

Have a look what the booklet for
Yxy(26.5160, 0.3584, 0.3635)
contains.

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Color

Yxy(26.6060, 0.3580, 0.3643)

Conversions

Conversions Part 1

Format	Color
Hex	9D8A74
RGB	157, 138, 116
RGB Percent	62%, 54%, 45%
CMY	0.3843, 0.4588, 0.5451
CMYK	0.00, 0.12, 0.26, 0.38
HSL	32°, 17%, 54%
HSV	32°, 26%, 62%
XYZ	26.1459, 26.6060, 20.2813
YIQ	141.1730, 18.3860, -2.8140

Conversions

Conversions Part 2

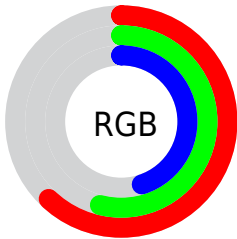
Format	Color
R_{YB}	151, 157, 116
Decimal	10324596
CIE _{Lab}	58.61, 3.60, 14.41
CIE _{LCh}	59, 14.856, 75.995
Yxy	26.6060, 0.3580, 0.3643
Android (android.graphics.Color)	4288514676 (0xFF9D8A74)
YUV	141.1730, -12.4103, 13.8803
Hunter-Lab	51.5810, 0.2131, 12.7943

Details

The Yxy color **26.6060, 0.3580, 0.3643** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **23.4765, 0.2720, 0.2909**, and the grayscale version is **26.7524, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.0858, 0.3485, 0.3567**, and **10.4001, 0.3741, 0.3756** is the 20% darker color. If you saturate the color by 10%, you get **24.2538, 0.3792, 0.3784**, and if you desaturate by 10%, it is **29.1623, 0.3390, 0.3503**.

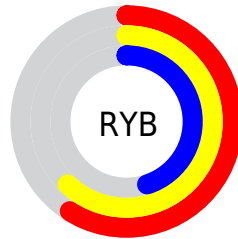
Distribution



Red (62%)

Green (54%)

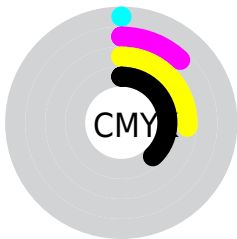
Blue (45%)



Red (59%)

Yellow (62%)

Blue (45%)

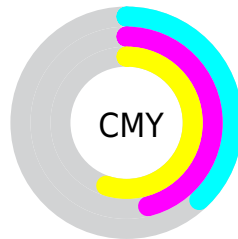


Cyan (0%)

Magenta (12%)

Yellow (26%)

Black (38%)



Cyan (38%)


Magenta (46%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.6060, 0.3580, 0.3643 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 26.6060, 0.3580, 0.3643 by changing the saturation by 10% instead.


 26.6060, 0.3580,
0.3643


 26.6060, 0.3580,
0.3643


285.7443, 0.3332,
0.3453


 17.2775, 0.3650,
0.3695


 54.2510, 0.3484,
0.3570

 10.4326, 0.3745,
0.3765


 73.3363, 0.3450,
0.3544

 5.6867, 0.3881,
0.3863


 96.4426, 0.3422,
0.3523

 2.6555, 0.4090,
0.4007

123.9545, 0.3398,
0.3504

 0.9547, 0.5046,
0.4804

156.2562, 0.3378,
0.3489

 0.0000, 0.0000,
0.0000

193.7321, 0.3360,

0.3475

236.7667, 0.3345,
0.3463

■ 26.6060, 0.3580,
0.3643

■ 26.6060, 0.3580,
0.3643

■ 24.2538, 0.3792,
0.3784

■ 29.1623, 0.3390,
0.3503

■ 22.0962, 0.4023,
0.3921

■ 31.9245, 0.3221,
0.3369

■ 20.1282, 0.4270,
0.4046

■ 34.8992, 0.3071,
0.3242

■ 18.3433, 0.4524,
0.4147

■ 38.0913, 0.2940,
0.3123

■ 16.7342, 0.4774,
0.4213

■ 41.5058, 0.2825,
0.3014

■ 15.2931, 0.5006,
0.4234

■ 45.1473, 0.2725,
0.2913

■ 14.0100, 0.5207,
0.4204

■ 49.0204, 0.2636,
0.2821

■ 13.5471, 0.5283,
0.4187

■ 53.1295, 0.2558,
0.2737

■ 57.3293, 0.2501,
0.2684

Harmonies

Analogous

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



26.6060, 0.3623, 0.3467



26.6060, 0.3580, 0.3643



26.6060, 0.3413, 0.3732

Triad

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



26.6060, 0.3580, 0.3643



26.6060, 0.2741, 0.3305



26.6060, 0.3065, 0.2923

Complementary

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



26.6060, 0.3580, 0.3643



23.4765, 0.2720, 0.2909

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.



26.6060, 0.2837, 0.2873



26.6060, 0.3580, 0.3643



26.6060, 0.2656, 0.3081

Square

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



26.6060, 0.3580, 0.3643



26.6060, 0.2929, 0.3536



26.6060, 0.2690, 0.2927



26.6060, 0.3319, 0.3061

Rectangle

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



26.6060, 0.3580, 0.3643



26.6060, 0.3258, 0.3722



26.6060, 0.2690, 0.2927



26.6060, 0.2983, 0.2896

Sweetspot

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



26.6072, 0.3580, 0.3643



56.1318, 0.3253, 0.3396



21.4132, 0.3419, 0.2984



12.1940, 0.3277, 0.3414



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.



26.6072, 0.3580, 0.3643



45.2942, 0.3693, 0.3721



32.4073, 0.3496, 0.3927



7.2060, 0.3271, 0.3410



11.0772, 0.5273, 0.4196



0.2823, 0.4752, 0.4609

Inverse Universe

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



23.4765, 0.2720, 0.2909



38.7756, 0.2631, 0.2816



18.7338, 0.2704, 0.2569



6.9165, 0.2988, 0.3167



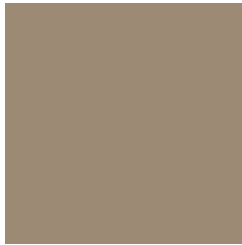
5.8941, 0.1748, 0.1493



0.1893, 0.1955, 0.2238

Previews

White Background



This preview shows how the Yxy color 26.6060, 0.3580, 0.3643 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 26.6060, 0.3580, 0.3643 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

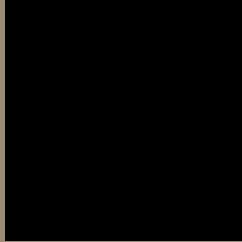
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.6060, 0.3580, 0.3643

Background



This preview shows how black text looks on a background with the Yxy color 26.6060, 0.3580, 0.3643.



This preview shows how white text looks on a background with the Yxy color 26.6060, 0.3580, 0.3643.

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

26.6060, 0.3580, 0.3643

Protanopia

26.7237, 0.3465, 0.3685

Deuteranopia

26.6558, 0.3659, 0.3604



Tritanopia

26.5374, 0.3315, 0.3136

Trichromacy



Original Color

26.6060, 0.3580, 0.3643

Protanomaly

26.7159, 0.3503, 0.3665

Deuteranomaly

26.7293, 0.3631, 0.3622

Tritanomaly

26.4201, 0.3412, 0.3307

Monochromacy



Original Color

26.6060, 0.3580, 0.3643

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

26.6252, 0.3286, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.6060, 0.3580, 0.3643 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, 116)` looks like.

```
.text, #text, p{  
    color:rgb(157, 138, 116)  
}
```

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, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 138, 116) }
```

Border

The CSS property to change the border of an element to Yxy 26.6060, 0.3580, 0.3643 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, 116) }
```

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

```
.border{ border-color:rgb(157, 138, 116) }
```

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, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 138, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 138, 116);  
box-shadow:4px 4px 4px 4px rgb(157, 138,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 26.6060, 0.3580, 0.3643 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, 116) }
```

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

```
.background{ background-color: rgb(157,  
138, 116) }
```

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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