

Converting Colors

$Yxy(26.3124, 0.3591, 0.3603)$

Have a look what the booklet for
Yxy(26.3124, 0.3591, 0.3603)
contains.

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Color

Yxy(26.1618, 0.3588, 0.3595)

Conversions

Conversions Part 1

Format	Color
Hex	9E8875
RGB	158, 136, 117
RGB Percent	62%, 53%, 46%
CMY	0.3805, 0.4666, 0.5412
CMYK	0.00, 0.14, 0.26, 0.38
HSL	28°, 17%, 54%
HSV	28°, 26%, 62%
XYZ	26.1109, 26.1618, 20.5001
YIQ	140.4120, 19.2110, -1.2450

Conversions

Conversions Part 2

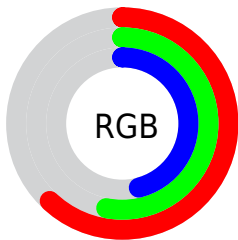
Format	Color
R_{YB}	158, 152, 117
Decimal	10389621
CIE _{Lab}	58.19, 5.25, 13.29
CIE _{LCh}	58, 14.285, 68.438
Yxy	26.1618, 0.3588, 0.3595
Android (android.graphics.Color)	4288579701 (0xFF9E8875)
YUV	140.4120, -11.5421, 15.4247
Hunter-Lab	51.1486, 1.6124, 12.0409

Details

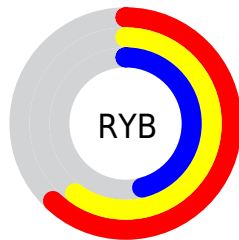
The Yxy color **26.1618, 0.3588, 0.3595** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **24.6987, 0.2728, 0.2964**, and the grayscale version is **26.4337, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4059, 0.3490, 0.3531**, and **10.1494, 0.3757, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **23.5313, 0.3811, 0.3719**, and if you desaturate by 10%, it is **29.0457, 0.3391, 0.3473**.

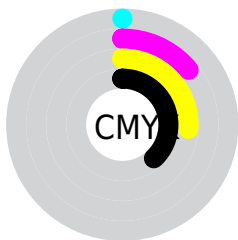
Distribution



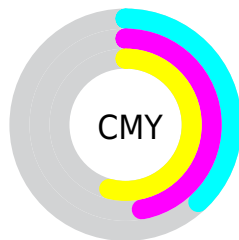
- Red (62%)
- Green (53%)
- Blue (46%)



- Red (62%)
- Yellow (60%)
- Blue (46%)



- Cyan (0%)
- Magenta (14%)
- Yellow (26%)
- Black (38%)





- Cyan (38%)
- Magenta (47%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1618, 0.3588, 0.3595 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 26.1618, 0.3588, 0.3595 by changing the saturation by 10% instead.


 26.1618, 0.3588,
0.3595


 26.1618, 0.3588,
0.3595


283.5754, 0.3334,
0.3431


 16.9447, 0.3660,
0.3640


 53.5359, 0.3490,
0.3533

 10.1951, 0.3758,
0.3699


 72.4616, 0.3455,
0.3510

 5.5285, 0.3900,
0.3782

 95.3924, 0.3426,
0.3491

 2.5606, 0.4121,
0.3903

122.7126, 0.3402,
0.3476

 0.9069, 0.5085,
0.4617

154.8066, 0.3381,
0.3462

 0.0000, 0.0000,
0.0000

192.0588, 0.3363,

0.3450

234.8536, 0.3348,
0.3440

■ 26.1618, 0.3588,
0.3595

■ 26.1618, 0.3588,
0.3595

■ 23.5313, 0.3811,
0.3719

■ 29.0457, 0.3391,
0.3473

■ 21.1431, 0.4059,
0.3839

■ 32.1865, 0.3219,
0.3356

■ 18.9905, 0.4329,
0.3947

■ 35.5922, 0.3069,
0.3246

■ 17.0652, 0.4613,
0.4032

■ 39.2693, 0.2939,
0.3144

■ 15.3579, 0.4898,
0.4084

■ 43.2241, 0.2826,
0.3050

■ 13.8589, 0.5166,
0.4089

■ 47.4625, 0.2727,
0.2964

■ 12.5560, 0.5401,
0.4044

■ 51.9906, 0.2642,
0.2885

■ 12.0755, 0.5493,
0.4020

■ 56.8138, 0.2567,
0.2813

■ 61.6666, 0.2522,
0.2791

Harmonies

Analogous

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



26.1618, 0.3595, 0.3412



26.1618, 0.3588, 0.3595



26.1618, 0.3454, 0.3706

Triad

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



26.1618, 0.3588, 0.3595



26.1618, 0.2791, 0.3363



26.1618, 0.3006, 0.2914

Complementary

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



26.1618, 0.3588, 0.3595



24.6987, 0.2728, 0.2964

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.



26.1618, 0.2801, 0.2890



26.1618, 0.3588, 0.3595



26.1618, 0.2681, 0.3139

Square

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



26.1618, 0.3588, 0.3595



26.1618, 0.2992, 0.3575



26.1618, 0.2685, 0.2968



26.1618, 0.3252, 0.3028

Rectangle

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



26.1618, 0.3588, 0.3595



26.1618, 0.3313, 0.3718



26.1618, 0.2685, 0.2968



26.1618, 0.2931, 0.2895

Sweetspot

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



26.1630, 0.3588, 0.3595



57.1693, 0.3255, 0.3382



21.8663, 0.3374, 0.2933



12.6999, 0.3279, 0.3398



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



26.1630, 0.3588, 0.3595



44.7677, 0.3711, 0.3665



32.3011, 0.3516, 0.3891



7.1283, 0.3273, 0.3394



9.7526, 0.5480, 0.4031



0.2583, 0.4874, 0.4512

Inverse Universe

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



24.6987, 0.2728, 0.2964



41.6549, 0.2638, 0.2881



19.4521, 0.2696, 0.2608



6.9942, 0.2988, 0.3184



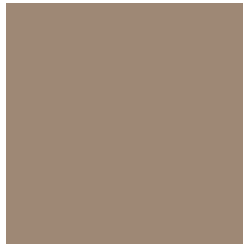
7.2161, 0.1814, 0.1731



0.2133, 0.2002, 0.2408

Previews

White Background



This preview shows how the Yxy color 26.1618, 0.3588, 0.3595 looks on a white background.

Color Contrast Check

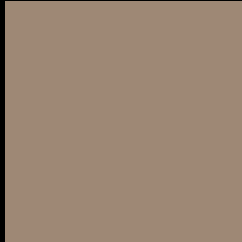
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1618, 0.3588, 0.3595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

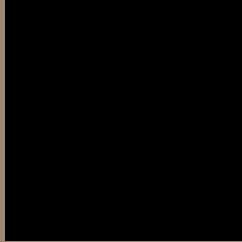
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1618, 0.3588, 0.3595

Background



This preview shows how black text looks on a background with the Yxy color 26.1618, 0.3588, 0.3595.



This preview shows how white text looks on a background with the Yxy color 26.1618, 0.3588, 0.3595.

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

26.1618, 0.3588, 0.3595

Protanopia

26.2911, 0.3424, 0.3639

Deuteranopia

26.1894, 0.3628, 0.3576



Tritanopia

26.0628, 0.3342, 0.3121

Trichromacy



Original Color

26.1618, 0.3588, 0.3595

Protanomaly

26.3526, 0.3484, 0.3634

Deuteranomaly

26.0859, 0.3616, 0.3577

Tritanomaly

25.9699, 0.3429, 0.3275

Monochromacy



Original Color

26.1618, 0.3588, 0.3595

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.3342, 0.3288, 0.3405

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1618, 0.3588, 0.3595 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(158, 136, 117)` looks like.

```
.text, #text, p{  
    color:rgb(158, 136, 117)  
}
```

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(158, 136, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 136, 117) }
```

Border

The CSS property to change the border of an element to Yxy 26.1618, 0.3588, 0.3595 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(158, 136, 117) }
```

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

```
.border{ border-color:rgb(158, 136, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 136, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 136, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 136, 117);  
box-shadow:4px 4px 4px 4px rgb(158, 136,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1618, 0.3588, 0.3595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 136, 117) }
```

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

```
.background{ background-color: rgb(158,  
136, 117) }
```

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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