

Converting Colors

$Y_{xy}(26.5185, 0.3899, 0.3963)$

Have a look what the booklet for
Yxy(26.5185, 0.3899, 0.3963)
contains.

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Color

Yxy(26.4860, 0.3898, 0.3960)

Conversions

Conversions Part 1

Format	Color
Hex	A3895E
RGB	163, 137, 94
RGB Percent	64%, 54%, 37%
CMY	0.3608, 0.4627, 0.6314
CMYK	0.00, 0.16, 0.42, 0.36
HSL	37°, 27%, 50%
HSV	37°, 42%, 64%
XYZ	26.0713, 26.4860, 14.3265
YIQ	139.8720, 29.2990, -7.8610

Conversions

Conversions Part 2

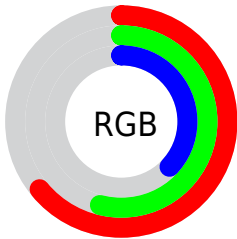
Format	Color
R_{YB}	136, 163, 94
Decimal	10717534
CIE Lab	58.50, 3.77, 26.72
CIE LCh	58, 26.981, 81.968
Yxy	26.4860, 0.3898, 0.3960
Android (android.graphics.Color)	4288907614 (0xFFA3895E)
YUV	139.8720, -22.6149, 20.2833
Hunter-Lab	51.4646, 0.3630, 19.5202

Details

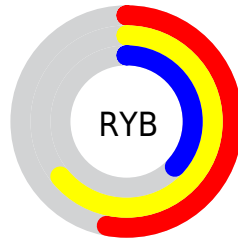
The Yxy color **26.4860, 0.3898, 0.3960** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **18.4575, 0.2436, 0.2505**, and the grayscale version is **26.2549, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.9313, 0.3738, 0.3823**, and **10.3366, 0.4169, 0.4163** is the 20% darker color. If you saturate the color by 10%, you get **24.5278, 0.4116, 0.4110**, and if you desaturate by 10%, it is **28.6079, 0.3690, 0.3800**.

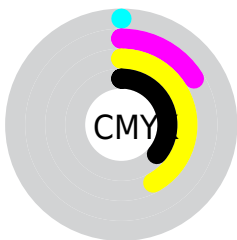
Distribution



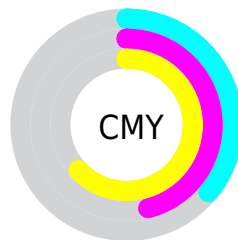
- Red (64%)
- Green (54%)
- Blue (37%)



- Red (53%)
- Yellow (64%)
- Blue (37%)



- Cyan (0%)
- Magenta (16%)
- Yellow (42%)
- Black (36%)





- Cyan (36%)
- Magenta (46%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.4860, 0.3898, 0.3960 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 26.4860, 0.3898, 0.3960 by changing the saturation by 10% instead.


 26.4860, 0.3898,
0.3960


 26.4860, 0.3898,
0.3960


285.1597, 0.3480,
0.3604


 17.1876, 0.4011,
0.4053


 54.0580, 0.3739,
0.3827


 10.3683, 0.4161,
0.4174


 73.1003, 0.3681,
0.3777

 5.6438, 0.4364,
0.4331

 96.1593, 0.3633,
0.3737

 2.6297, 0.4739,
0.4625

 123.6195, 0.3593,
0.3702

 0.9416, 0.5136,
0.4864

155.8653, 0.3559,
0.3672

 0.0000, 0.0000,
0.0000

193.2810, 0.3529,

0.3646

236.2510, 0.3503,
0.3624

■ 26.4860, 0.3898,
0.3960

■ 26.4860, 0.3898,
0.3960

■ 24.5278, 0.4116,
0.4110

■ 28.6079, 0.3690,
0.3800

■ 22.7240, 0.4338,
0.4239

■ 30.8951, 0.3497,
0.3637

■ 21.0699, 0.4554,
0.4336

■ 33.3535, 0.3321,
0.3478

■ 19.5587, 0.4753,
0.4392

■ 35.9878, 0.3162,
0.3325

■ 18.1827, 0.4925,
0.4398

■ 38.8025, 0.3020,
0.3180

■ 17.2079, 0.5042,
0.4378

■ 41.8016, 0.2893,
0.3046

■ 44.9893, 0.2781,
0.2922

■ 48.3693, 0.2682,
0.2808

■ 51.9456, 0.2594,
0.2703

Harmonies

Analogous

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



26.4860, 0.4038, 0.3651



26.4860, 0.3898, 0.3960



26.4860, 0.3551, 0.4112

Triad

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



26.4860, 0.3898, 0.3960



26.4860, 0.2395, 0.3214



26.4860, 0.3096, 0.2688

Complementary

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



26.4860, 0.3898, 0.3960



18.4575, 0.2436, 0.2505

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.



26.4860, 0.2674, 0.2564



26.4860, 0.3898, 0.3960



26.4860, 0.2293, 0.2830

Square

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



26.4860, 0.3898, 0.3960



26.4860, 0.2685, 0.3665



26.4860, 0.2391, 0.2606



26.4860, 0.3558, 0.2945

Rectangle

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



26.4860, 0.3898, 0.3960



26.4860, 0.3257, 0.4076



26.4860, 0.2391, 0.2606



26.4860, 0.2945, 0.2630

Sweetspot

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



26.4872, 0.3898, 0.3960



59.3161, 0.3336, 0.3492



17.1590, 0.3772, 0.2873



13.1077, 0.3372, 0.3525



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



26.4872, 0.3898, 0.3960



44.0545, 0.4108, 0.4104



33.9696, 0.3659, 0.4342



7.7865, 0.3270, 0.3430



13.4616, 0.5032, 0.4386



0.3693, 0.4661, 0.4681

Inverse Universe

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



18.4575, 0.2436, 0.2505



27.7247, 0.2272, 0.2287



13.4768, 0.2440, 0.2042



7.2770, 0.2987, 0.3146



4.7660, 0.1675, 0.1229



0.1892, 0.1879, 0.1965

Previews

White Background



This preview shows how the Yxy color 26.4860, 0.3898, 0.3960 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 26.4860, 0.3898, 0.3960 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

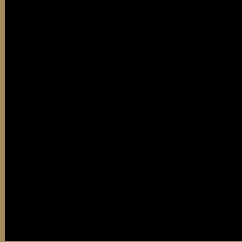
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4860, 0.3898, 0.3960

Background



This preview shows how black text looks on a background with the Yxy color 26.4860, 0.3898, 0.3960.



This preview shows how white text looks on a background with the Yxy color 26.4860, 0.3898, 0.3960.

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

26.4860, 0.3898, 0.3960

Protanopia

26.5697, 0.3722, 0.4022

Deuteranopia

26.5711, 0.3983, 0.3913



Tritanopia

26.4805, 0.3447, 0.3140

Trichromacy



Original Color

26.4860, 0.3898, 0.3960

Protanomaly

26.6503, 0.3785, 0.4011

Deuteranomaly

26.6320, 0.3952, 0.3933

Tritanomaly

26.3373, 0.3614, 0.3430

Monochromacy



Original Color

26.4860, 0.3898, 0.3960

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1912, 0.3395, 0.3554

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4860, 0.3898, 0.3960 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(163, 137, 94)` looks like.

```
.text, #text, p{  
    color:rgb(163, 137, 94)  
}
```

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(163, 137, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 137, 94) }
```

Border

The CSS property to change the border of an element to Yxy 26.4860, 0.3898, 0.3960 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(163, 137, 94) }
```

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

```
.border{ border-color:rgb(163, 137, 94) }
```

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

Here you see how a box with a 4 pixel rgb(163, 137, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 137, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 137, 94);  
box-shadow:4px 4px 4px 4px rgb(163, 137,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4860, 0.3898, 0.3960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 137, 94) }
```

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

```
.background{ background-color: rgb(163,  
137, 94) }
```

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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