

Converting Colors

$Y_{xy}(25.9610, 0.3377, 0.3833)$

Have a look what the booklet for
Yxy(25.9610, 0.3377, 0.3833)
contains.

Yxy(26.0269, 0.3373, 0.3843) 3

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Color

$\text{Yxy}(26.0269, 0.3373, 0.3843)$

Conversions

Conversions Part 1	
Format	Color
Hex	888F6F
RGB	136, 143, 111
RGB Percent	53%, 56%, 44%
CMY	0.4667, 0.4392, 0.5648
CMYK	0.05, 0.00, 0.22, 0.44
HSL	73°, 13%, 50%
HSV	73°, 22%, 56%
XYZ	22.8438, 26.0269, 18.8548
YIQ	137.2590, 6.1000, -11.4360

Conversions

Conversions Part 2

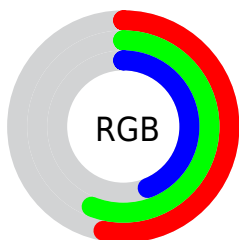
Format	Color
RYB	111, 143, 118
Decimal	8949615
CIELab	58.06, -8.36, 16.22
CIELCh	58, 18.247, 117.283
Yxy	26.0269, 0.3373, 0.3843
Android (android.graphics.Color)	4287139695 (0xFF888F6F)
YUV	137.2590, -12.9457, -1.1041
Hunter-Lab	51.0166, -9.3516, 13.7991

Details

The Yxy color $26.0269, 0.3373, 0.3843$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.2011, 0.2845, 0.2702$, and the grayscale version is $25.1675, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.5240, 0.3325, 0.3722$, and $10.1660, 0.3456, 0.4062$ is the 20% darker color. If you saturate the color by 10%, you get $25.4795, 0.3481, 0.4102$, and if you desaturate by 10%, it is $26.6347, 0.3263, 0.3589$.

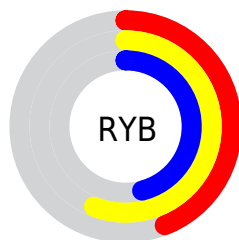
Distribution



Red (53%)

Green (56%)

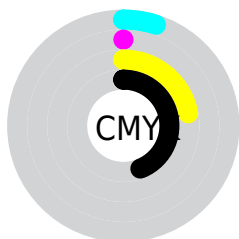
Blue (44%)



Red (44%)

Yellow (56%)

Blue (46%)

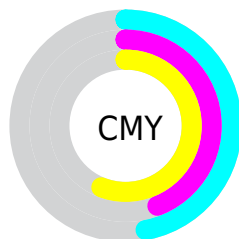


Cyan (5%)

Magenta (0%)

Yellow (22%)

Black (44%)



Cyan (47%)


Magenta (44%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0269, 0.3373, 0.3843 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 26.0269, 0.3373, 0.3843 by changing the saturation by 10% instead.


 26.0269, 0.3373,
0.3843


 26.0269, 0.3373,
0.3843


282.9141, 0.3242,
0.3535


 16.8438, 0.3408,
0.3933


 53.3183, 0.3323,
0.3722

 10.1232, 0.3455,
0.4056


 72.1954, 0.3305,
0.3680

 5.4807, 0.3518,
0.4237


 95.0726, 0.3290,
0.3645

 2.5320, 0.3607,
0.4525

 122.3343, 0.3277,
0.3615

 0.8926, 0.4192,
0.5808


154.3649, 0.3267,
0.3590


 0.0000, 0.0000,
0.0000


191.5488, 0.3257,

0.3569

234.2704, 0.3249,
0.3551


 26.0269, 0.3373,
0.3843

 26.0269, 0.3373,
0.3843


 25.4795, 0.3481,
0.4102


 26.6347, 0.3263,
0.3589

 24.9865, 0.3581,
0.4360


 27.3018, 0.3153,
0.3346


 24.5466, 0.3670,
0.4605


 28.0314, 0.3047,
0.3118


 24.1567, 0.3743,
0.4830


 28.8257, 0.2945,
0.2906


 23.8137, 0.3794,
0.5022


 29.6865, 0.2850,
0.2711

 23.5139, 0.3822,
0.5176


 30.6157, 0.2761,
0.2534

 23.2530, 0.3826,
0.5285

 31.6152, 0.2678,
0.2373

 23.0713, 0.3818,
0.5350

 32.6865, 0.2603,
0.2229

 33.8315, 0.2533,
0.2098

Harmonies

Analogous

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



26.0269, 0.3624, 0.3782



26.0269, 0.3373, 0.3843



26.0269, 0.3064, 0.3738

Triad

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



26.0269, 0.3373, 0.3843



26.0269, 0.2548, 0.2945



26.0269, 0.3472, 0.3092

Complementary

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



26.0269, 0.3373, 0.3843



17.2011, 0.2845, 0.2702

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.



26.0269, 0.3167, 0.2894



26.0269, 0.3373, 0.3843



26.0269, 0.2643, 0.2803

Square

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



26.0269, 0.3373, 0.3843



26.0269, 0.2597, 0.3195



26.0269, 0.2865, 0.2789



26.0269, 0.3687, 0.3343

Rectangle

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



26.0269, 0.3373, 0.3843



26.0269, 0.2869, 0.3585



26.0269, 0.2865, 0.2789



26.0269, 0.3376, 0.3018

Sweetspot

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



26.0280, 0.3373, 0.3843



48.3065, 0.3205, 0.3460



19.9269, 0.3540, 0.3413



11.0641, 0.3210, 0.3472



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



26.0280, 0.3373, 0.3843



46.0861, 0.3429, 0.3977



24.7916, 0.3196, 0.3875



6.2267, 0.3227, 0.3510



20.4068, 0.3820, 0.5349



0.2046, 0.4009, 0.5198

Inverse Universe

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



17.2011, 0.2845, 0.2702



27.3222, 0.2767, 0.2547



18.4126, 0.3039, 0.2734



5.3084, 0.3022, 0.3065



2.0235, 0.1634, 0.0674



0.0276, 0.2015, 0.0883

Previews

White Background



This preview shows how the Yxy color 26.0269, 0.3373, 0.3843 looks on a white background.

Color Contrast Check

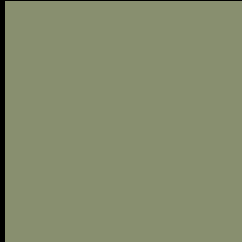
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0269, 0.3373, 0.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

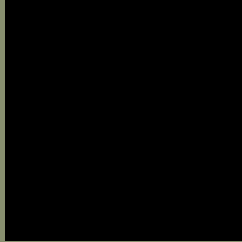
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0269, 0.3373, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 26.0269, 0.3373, 0.3843.



This preview shows how white text looks on a background with the Yxy color 26.0269, 0.3373, 0.3843.

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

26.0269, 0.3373, 0.3843

Protanopia

25.8653, 0.3546, 0.3789

Deuteranopia

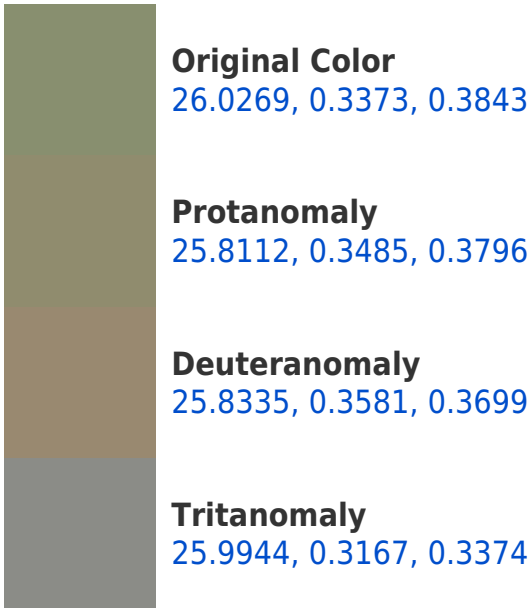
25.9238, 0.3690, 0.3622



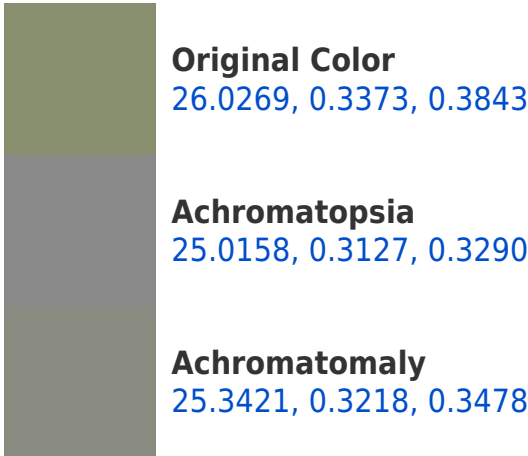
Tritanopia

26.0096, 0.3049, 0.3111

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0269, 0.3373, 0.3843 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(136, 143, 111)` looks like.

```
.text, #text, p{  
    color:rgb(136, 143, 111)  
}
```

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(136, 143, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 143, 111) }
```

Border

The CSS property to change the border of an element to Yxy 26.0269, 0.3373, 0.3843 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(136, 143, 111) }
```

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

```
.border{ border-color:rgb(136, 143, 111) }
```

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

Here you see how a box with a 4 pixel rgb(136, 143, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 143, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 143, 111);  
box-shadow:4px 4px 4px 4px rgb(136, 143,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0269, 0.3373, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 143, 111) }
```

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

```
.background{ background-color: rgb(136,  
143, 111) }
```

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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