

Converting Colors

$Yxy(26.4337, 0.3103, 0.3810)$

Have a look what the booklet for
Yxy(26.4337, 0.3103, 0.3810)
contains.

Yxy(26.4337, 0.3103, 0.3810)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.4337, 0.3103, 0.3810)

Conversions

Conversions Part 1

Format	Color
Hex	779477
RGB	119, 148, 119
RGB Percent	47%, 58%, 47%
CMY	0.5333, 0.4196, 0.5334
CMYK	0.20, 0.00, 0.20, 0.42
HSL	120°, 12%, 52%
HSV	120°, 20%, 58%
XYZ	21.5285, 26.4337, 21.4175
YIQ	136.0230, -7.9750, -15.1670

Conversions

Conversions Part 2

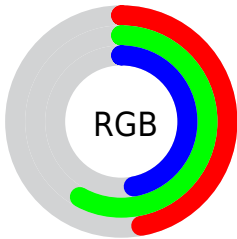
Format	Color
R_{YB}	119, 148, 148
Decimal	7836791
CIE _{Lab}	58.45, -16.10, 12.04
CIE _{LCh}	58, 20.108, 143.212
Yxy	26.4337, 0.3103, 0.3810
Android (android.graphics.Color)	4286026871 (0xFF779477)
YUV	136.0230, -8.3923, -14.9292
Hunter-Lab	51.4137, -15.2304, 11.2910

Details

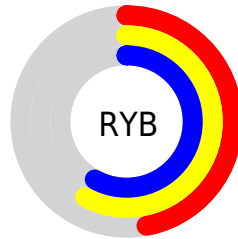
The Yxy color $26.4337, 0.3103, 0.3810$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $21.6238, 0.3149, 0.2820$, and the grayscale version is $24.6652, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.9520, 0.3116, 0.3696$, and $10.3064, 0.3079, 0.3998$ is the 20% darker color. If you saturate the color by 10%, you get $25.1401, 0.3088, 0.4123$, and if you desaturate by 10%, it is $27.9477, 0.3116, 0.3529$.

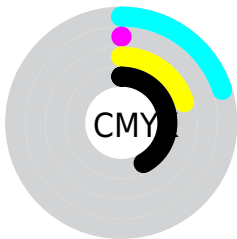
Distribution



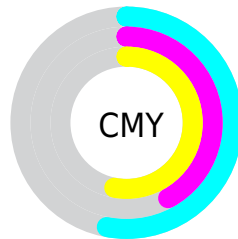
- Red (47%)
- Green (58%)
- Blue (47%)



- Red (47%)
- Yellow (58%)
- Blue (58%)



- Cyan (20%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)





- Cyan (53%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4337, 0.3103, 0.3810 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 26.4337, 0.3103, 0.3810 by changing the saturation by 10% instead.


 26.4337, 0.3103,
0.3810


 26.4337, 0.3103,
0.3810


284.9046, 0.3120,
0.3517

 17.1484, 0.3096,
0.3897


 53.9738, 0.3111,
0.3694

 10.3403, 0.3085,
0.4017


 72.9973, 0.3113,
0.3654

 5.6252, 0.3066,
0.4198

 96.0358, 0.3115,
0.3621

 2.6185, 0.3027,
0.4494

123.4734, 0.3117,
0.3593

 0.9360, 0.3083,
0.5821

155.6948, 0.3118,
0.3570

 0.0000, 0.0000,
0.0000

193.0841, 0.3119,

0.3550

236.0260, 0.3120,
0.3533

■ 26.4337, 0.3103,
0.3810

■ 26.4337, 0.3103,
0.3810

■ 25.1401, 0.3088,
0.4123

■ 27.9477, 0.3116,
0.3529

■ 24.0536, 0.3073,
0.4460

■ 29.6882, 0.3128,
0.3281

■ 23.1643, 0.3056,
0.4809

■ 31.6652, 0.3138,
0.3065

■ 22.4605, 0.3040,
0.5152

■ 33.8871, 0.3146,
0.2878

■ 21.9290, 0.3026,
0.5461

■ 36.3618, 0.3154,
0.2718

■ 21.5551, 0.3014,
0.5713

■ 39.0969, 0.3160,
0.2580

■ 21.3215, 0.3006,
0.5888

■ 42.0998, 0.3165,
0.2461

■ 21.1859, 0.3000,
0.5996

■ 45.3774, 0.3170,
0.2360

■ 21.1808, 0.3000,
0.6000

■ 48.9365, 0.3174,
0.2272

Harmonies

Analogous

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



26.4337, 0.3438, 0.3899



26.4337, 0.3103, 0.3810



26.4337, 0.2786, 0.3555

Triad

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



26.4337, 0.3103, 0.3810



26.4337, 0.2575, 0.2770



26.4337, 0.3718, 0.3307

Complementary

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



26.4337, 0.3103, 0.3810



21.6238, 0.3149, 0.2820

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.



26.4337, 0.3463, 0.3040



26.4337, 0.3103, 0.3810



26.4337, 0.2800, 0.2738

Square

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



26.4337, 0.3103, 0.3810



26.4337, 0.2493, 0.2941



26.4337, 0.3122, 0.2836



26.4337, 0.3805, 0.3584

Rectangle

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



26.4337, 0.3103, 0.3810



26.4337, 0.2626, 0.3337



26.4337, 0.3122, 0.2836



26.4337, 0.3649, 0.3214

Sweetspot

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



26.4348, 0.3103, 0.3810



50.3343, 0.3120, 0.3439



28.6564, 0.3414, 0.3755



11.4509, 0.3120, 0.3453



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.4348, 0.3103, 0.3810



45.4808, 0.3096, 0.3959



26.7953, 0.2975, 0.3553



6.4686, 0.3117, 0.3518



18.0917, 0.3000, 0.6000



0.2215, 0.3001, 0.5999

Inverse Universe

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



21.6238, 0.3149, 0.2820



35.2346, 0.3154, 0.2701



21.2085, 0.3314, 0.3041



5.9090, 0.3137, 0.3072



7.1946, 0.3207, 0.1540



0.0881, 0.3208, 0.1541

Previews

White Background



This preview shows how the Yxy color 26.4337, 0.3103, 0.3810 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 26.4337, 0.3103, 0.3810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

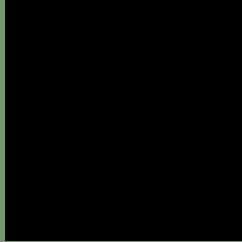
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.4337, 0.3103, 0.3810

Background



This preview shows how black text looks on a background with the Yxy color 26.4337, 0.3103, 0.3810.



This preview shows how white text looks on a background with the Yxy color 26.4337, 0.3103, 0.3810.

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

26.4337, 0.3103, 0.3810

Protanopia

26.2899, 0.3478, 0.3704

Deuteranopia

26.2067, 0.3559, 0.3497



Tritanopia

26.3715, 0.2834, 0.3088

Trichromacy



Original Color

26.4337, 0.3103, 0.3810

Protanomaly

26.2242, 0.3333, 0.3753

Deuteranomaly

26.1564, 0.3380, 0.3607

Tritanomaly

26.4147, 0.2932, 0.3341

Monochromacy



Original Color

26.4337, 0.3103, 0.3810

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1137, 0.3119, 0.3464

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4337, 0.3103, 0.3810 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(119, 148, 119)` looks like.

```
.text, #text, p{  
    color:rgb(119, 148, 119)  
}
```

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(119, 148, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 148, 119) }
```

Border

The CSS property to change the border of an element to Yxy 26.4337, 0.3103, 0.3810 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(119, 148, 119) }
```

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

```
.border{ border-color:rgb(119, 148, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 148, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 148, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 148, 119);  
box-shadow:4px 4px 4px 4px rgb(119, 148,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4337, 0.3103, 0.3810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 148, 119) }
```

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

```
.background{ background-color: rgb(119,  
148, 119) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor