

Converting Colors

$Y_{xy}(26.7749, 0.3706, 0.4160)$

Have a look what the booklet for
Yxy(26.7749, 0.3706, 0.4160)
contains.

Yxy(26.9049, 0.3697, 0.4163)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.9049, 0.3697, 0.4163)

Conversions

Conversions Part 1

Format	Color
Hex	93905B
RGB	147, 144, 91
RGB Percent	58%, 56%, 36%
CMY	0.4236, 0.4353, 0.6431
CMYK	0.00, 0.02, 0.38, 0.42
HSL	57°, 24%, 47%
HSV	57°, 38%, 58%
XYZ	23.8932, 26.9049, 13.8305
YIQ	138.8550, 18.8010, -15.8470

Conversions

Conversions Part 2

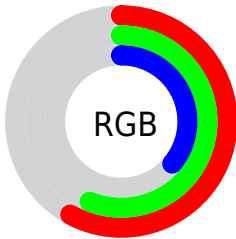
Format	Color
R_{YB}	94, 147, 91
Decimal	9670747
CIE _{Lab}	58.89, -7.23, 28.58
CIE _{LCh}	59, 29.477, 104.189
Yxy	26.9049, 0.3697, 0.4163
Android (android.graphics.Color)	4287860827 (0xFF93905B)
YUV	138.8550, -23.5925, 7.1432
Hunter-Lab	51.8699, -8.5487, 20.4999

Details

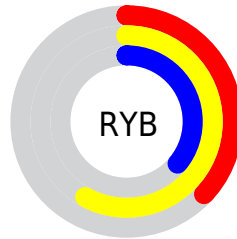
The Yxy color **26.9049, 0.3697, 0.4163** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.3332, 0.2461, 0.2235**, and the grayscale version is **25.8472, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8977, 0.3584, 0.3981**, and **10.6202, 0.3865, 0.4472** is the 20% darker color. If you saturate the color by 10%, you get **26.4401, 0.3840, 0.4376**, and if you desaturate by 10%, it is **27.4235, 0.3546, 0.3936**.

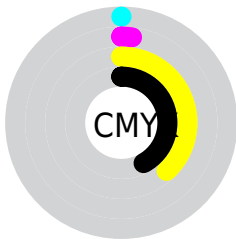
Distribution



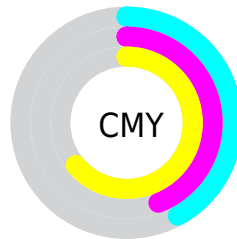
- Red (58%)
- Green (56%)
- Blue (36%)



- Red (37%)
- Yellow (58%)
- Blue (36%)



- Cyan (0%)
- Magenta (2%)
- Yellow (38%)
- Black (42%)





- Cyan (42%)
- Magenta (44%)
- Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9049, 0.3697, 0.4163 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 26.9049, 0.3697, 0.4163 by changing the saturation by 10% instead.


 26.9049, 0.3697,
0.4163


 26.9049, 0.3697,
0.4163


287.1964, 0.3396,
0.3684


 17.5018, 0.3774,
0.4295


 54.7312, 0.3585,
0.3979


 10.5929, 0.3873,
0.4472


 73.9233, 0.3544,
0.3913

 5.7938, 0.3997,
0.4714

 97.1470, 0.3509,
0.3858

 2.7201, 0.4265,
0.5202

 124.7870, 0.3480,
0.3812

 0.9874, 0.4345,
0.5655

157.2275, 0.3454,
0.3773

 0.0000, 0.0000,
0.0000

194.8530, 0.3432,

0.3740

238.0478, 0.3413,
0.3710

■ 26.9049, 0.3697,
0.4163

■ 26.9049, 0.3697,
0.4163

■ 26.4401, 0.3840,
0.4376

■ 27.4235, 0.3546,
0.3936

■ 26.0224, 0.3971,
0.4567

■ 27.9950, 0.3394,
0.3703

■ 25.6500, 0.4084,
0.4726

■ 28.6230, 0.3244,
0.3472

■ 25.3191, 0.4173,
0.4847

■ 29.3098, 0.3100,
0.3248

■ 25.0256, 0.4238,
0.4926

■ 30.0576, 0.2964,
0.3035

■ 24.7611, 0.4280,
0.4970

■ 30.8686, 0.2838,
0.2836

■ 24.7116, 0.4288,
0.4978

■ 31.7447, 0.2722,
0.2652

■ 32.6878, 0.2615,
0.2482

■ 33.6997, 0.2519,
0.2328

Harmonies

Analogous

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



26.9049, 0.4027, 0.3936



26.9049, 0.3697, 0.4163



26.9049, 0.3228, 0.4137

Triad

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



26.9049, 0.3697, 0.4163



26.9049, 0.2235, 0.2881



26.9049, 0.3468, 0.2834

Complementary

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



26.9049, 0.3697, 0.4163



12.3332, 0.2461, 0.2235

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.



26.9049, 0.2963, 0.2591



26.9049, 0.3697, 0.4163



26.9049, 0.2285, 0.2593

Square

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



26.9049, 0.3697, 0.4163



26.9049, 0.2398, 0.3331



26.9049, 0.2540, 0.2500



26.9049, 0.3902, 0.3183

Rectangle

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



26.9049, 0.3697, 0.4163



26.9049, 0.2904, 0.3952



26.9049, 0.2540, 0.2500



26.9049, 0.3299, 0.2739

Sweetspot

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



26.9061, 0.3697, 0.4163



50.9014, 0.3291, 0.3544



14.5056, 0.3965, 0.3227



11.5882, 0.3309, 0.3572



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.



26.9061, 0.3697, 0.4163



47.4465, 0.3825, 0.4353



25.8117, 0.3405, 0.4297



6.6922, 0.3261, 0.3497



21.4373, 0.4287, 0.4978



0.2754, 0.4236, 0.5019

Inverse Universe

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



12.3332, 0.2461, 0.2235



17.3909, 0.2281, 0.1943



13.2508, 0.2746, 0.2258



5.6797, 0.2989, 0.3074



1.9858, 0.1513, 0.0647



0.0342, 0.1575, 0.0871

Previews

White Background



This preview shows how the Yxy color 26.9049, 0.3697, 0.4163 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 26.9049, 0.3697, 0.4163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

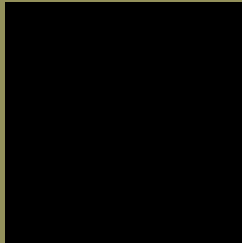
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9049, 0.3697, 0.4163

Background



This preview shows how black text looks on a background with the Yxy color 26.9049, 0.3697, 0.4163.



This preview shows how white text looks on a background with the Yxy color 26.9049, 0.3697, 0.4163.

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

26.9049, 0.3697, 0.4163

Protanopia

26.9542, 0.3801, 0.4124

Deuteranopia

26.6643, 0.4006, 0.3924



Tritanopia

26.8017, 0.3190, 0.3117

Trichromacy



Original Color

26.9049, 0.3697, 0.4163

Protanomaly

26.9624, 0.3760, 0.4149

Deuteranomaly

26.6310, 0.3901, 0.4008

Tritanomaly

26.8678, 0.3385, 0.3501

Monochromacy



Original Color

26.9049, 0.3697, 0.4163

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

26.2057, 0.3333, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9049, 0.3697, 0.4163 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(147, 144, 91)` looks like.

```
.text, #text, p{  
    color:rgb(147, 144, 91)  
}
```

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(147, 144, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 144, 91) }
```

Border

The CSS property to change the border of an element to Yxy 26.9049, 0.3697, 0.4163 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(147, 144, 91) }
```

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

```
.border{ border-color:rgb(147, 144, 91) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 144, 91)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 144, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 144, 91);  
box-shadow:4px 4px 4px 4px rgb(147, 144,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9049, 0.3697, 0.4163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 144, 91) }
```

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

```
.background{ background-color: rgb(147,  
144, 91) }
```

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