

Converting Colors

$Yxy(26.7946, 0.3674, 0.4241)$

Have a look what the booklet for
Yxy(26.7946, 0.3674, 0.4241)
contains.

Yxy(26.7950, 0.3674, 0.4240)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.7950, 0.3674, 0.4240)

Conversions

Conversions Part 1

Format	Color
Hex	8F9158
RGB	143, 145, 88
RGB Percent	56%, 57%, 35%
CMY	0.4391, 0.4314, 0.6549
CMYK	0.01, 0.00, 0.39, 0.43
HSL	62°, 24%, 46%
HSV	62°, 39%, 57%
XYZ	23.2181, 26.7950, 13.1826
YIQ	137.9040, 17.1050, -18.1510

Conversions

Conversions Part 2

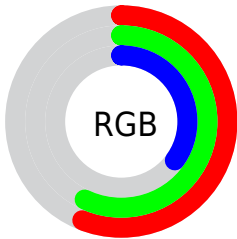
Format	Color
R_{YB}	88, 145, 90
Decimal	9408856
CIE _{Lab}	58.78, -9.79, 30.00
CIE _{LCh}	59, 31.553, 108.067
Yxy	26.7950, 0.3674, 0.4240
Android (android.graphics.Color)	4287598936 (0xFF8F9158)
YUV	137.9040, -24.6027, 4.4692
Hunter-Lab	51.7639, -10.5226, 21.1354

Details

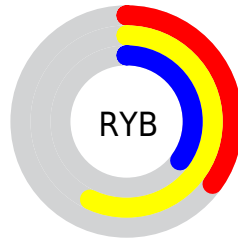
The Yxy color $26.7950, 0.3674, 0.4240$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $11.1980, 0.2451, 0.2142$, and the grayscale version is $25.4700, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7167, 0.3569, 0.4037$, and $10.5687, 0.3821, 0.4585$ is the 20% darker color. If you saturate the color by 10%, you get $26.5347, 0.3800, 0.4463$, and if you desaturate by 10%, it is $27.1058, 0.3538, 0.4001$.

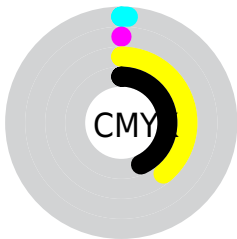
Distribution



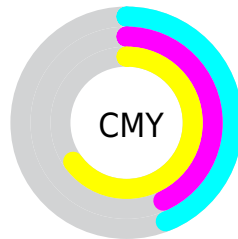
- Red (56%)
- Green (57%)
- Blue (35%)



- Red (35%)
- Yellow (57%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (39%)
- Black (43%)





- Cyan (44%)
- Magenta (43%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.7950, 0.3674, 0.4240 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 26.7950, 0.3674, 0.4240 by changing the saturation by 10% instead.


 26.7950, 0.3674,
0.4240


 26.7950, 0.3674,
0.4240


286.6632, 0.3388,
0.3716


 17.4193, 0.3745,
0.4386


 54.5547, 0.3569,
0.4038


 10.5339, 0.3834,
0.4580

 73.7076, 0.3530,
0.3966


 5.7544, 0.3943,
0.4849

 96.8883, 0.3497,
0.3906

 2.6963, 0.4223,
0.5440

 124.4812, 0.3468,
0.3856

 0.9753, 0.4127,
0.5873

 156.8708, 0.3444,
0.3813

 0.0000, 0.0000,
0.0000

194.4413, 0.3423,

0.3776

237.5773, 0.3405,
0.3744

■ 26.7950, 0.3674,
0.4240

■ 26.7950, 0.3674,
0.4240

■ 26.5347, 0.3800,
0.4463

■ 27.1058, 0.3538,
0.4001

■ 26.3182, 0.3910,
0.4662

■ 27.4659, 0.3397,
0.3756

■ 26.1438, 0.4001,
0.4829


■ 27.8792, 0.3256,
0.3511


■ 26.0078, 0.4068,
0.4956


■ 28.3477, 0.3118,
0.3274


■ 25.9062, 0.4110,
0.5042


■ 28.8736, 0.2986,
0.3048

 25.8288, 0.4133,
0.5096

 29.4590, 0.2862,
0.2836

 25.8235, 0.4134,
0.5099

 30.1059, 0.2747,
0.2641

 30.8159, 0.2641,
0.2461

 31.5909, 0.2544,
0.2298

Harmonies

Analogous

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



26.7950, 0.4056, 0.4019



26.7950, 0.3674, 0.4240



26.7950, 0.3163, 0.4176

Triad

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



26.7950, 0.3674, 0.4240



26.7950, 0.2171, 0.2798



26.7950, 0.3560, 0.2846

Complementary

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



26.7950, 0.3674, 0.4240



11.1980, 0.2451, 0.2142

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.



26.7950, 0.3018, 0.2572



26.7950, 0.3674, 0.4240



26.7950, 0.2253, 0.2521

Square

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



26.7950, 0.3674, 0.4240



26.7950, 0.2313, 0.3263



26.7950, 0.2549, 0.2452



26.7950, 0.4003, 0.3225

Rectangle

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



26.7950, 0.3674, 0.4240



26.7950, 0.2822, 0.3951



26.7950, 0.2549, 0.2452



26.7950, 0.3381, 0.2740

Sweetspot

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



26.7962, 0.3674, 0.4240



49.7023, 0.3297, 0.3583



14.0213, 0.4054, 0.3327



11.0380, 0.3313, 0.3610



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.



26.7962, 0.3674, 0.4240



47.5798, 0.3784, 0.4435



24.5723, 0.3348, 0.4352



6.2760, 0.3254, 0.3508



22.1535, 0.4135, 0.5099



0.2137, 0.4166, 0.5074

Inverse Universe

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



11.1980, 0.2451, 0.2142



15.6657, 0.2273, 0.1844



12.9052, 0.2807, 0.2246



5.2633, 0.2995, 0.3063



1.7837, 0.1515, 0.0608



0.0185, 0.1589, 0.0649

Previews

White Background



This preview shows how the Yxy color 26.7950, 0.3674, 0.4240 looks on a white background.

Color Contrast Check

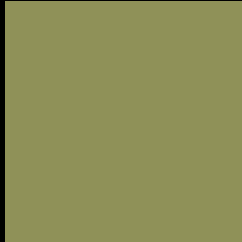
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.7950, 0.3674, 0.4240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

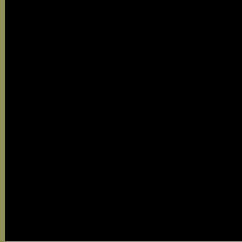
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.7950, 0.3674, 0.4240

Background



This preview shows how black text looks on a background with the Yxy color 26.7950, 0.3674, 0.4240.



This preview shows how white text looks on a background with the Yxy color 26.7950, 0.3674, 0.4240.

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

26.7950, 0.3674, 0.4240

Protanopia

26.6079, 0.3837, 0.4155

Deuteranopia

26.6122, 0.4038, 0.3967



Tritanopia

26.8309, 0.3146, 0.3116

Trichromacy



Original Color

26.7950, 0.3674, 0.4240

Protanomaly

26.5182, 0.3783, 0.4185

Deuteranomaly

26.6601, 0.3901, 0.4074

Tritanomaly

26.7851, 0.3337, 0.3520

Monochromacy



Original Color

26.7950, 0.3674, 0.4240

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

25.9813, 0.3331, 0.3647

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.7950, 0.3674, 0.4240 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(143, 145, 88)` looks like.

```
.text, #text, p{  
    color:rgb(143, 145, 88)  
}
```

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(143, 145, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 145, 88) }
```

Border

The CSS property to change the border of an element to Yxy 26.7950, 0.3674, 0.4240 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(143, 145, 88) }
```

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

```
.border{ border-color:rgb(143, 145, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 145, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 145, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 145, 88);  
box-shadow:4px 4px 4px 4px rgb(143, 145,  
88) }
```


Background

The CSS property to change the background color of an element to Yxy 26.7950, 0.3674, 0.4240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 145, 88) }
```

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

```
.background{ background-color: rgb(143,  
145, 88) }
```

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