

# Converting Colors

$Y_{xy}(26.3109, 0.3395, 0.3667)$

Have a look what the booklet for  
Yxy(26.3109, 0.3395, 0.3667)  
contains.

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**Color**

**Yxy(26.2871, 0.3397, 0.3676)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	908D76
RGB	144, 141, 118
RGB Percent	56%, 55%, 46%
CMY	0.4354, 0.4470, 0.5373
CMYK	0.00, 0.02, 0.18, 0.44
HSL	53°, 10%, 51%
HSV	53°, 18%, 56%
XYZ	24.2920, 26.2871, 20.9310
YIQ	139.2750, 9.1710, -6.5170

# Conversions

## Conversions Part 2

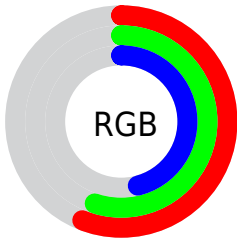
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	121, 144, 118
Decimal	9473398
CIE <sub>Lab</sub>	58.31, -2.99, 12.69
CIE <sub>LCh</sub>	58, 13.039, 103.255
Yxy	26.2871, 0.3397, 0.3676
Android (android.graphics.Color)	4287663478 (0xFF908D76)
YUV	139.2750, -10.4886, 4.1438
Hunter-Lab	51.2709, -5.1516, 11.6849

# Details

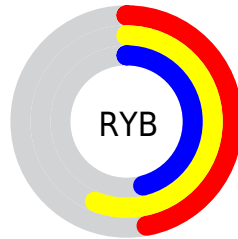
The Yxy color  $26.2871, 0.3397, 0.3676$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $19.5259, 0.2844, 0.2872$ , and the grayscale version is  $25.9676, 0.3127, 0.3290$ .

A 20% lighter version of the original color is  $53.9383, 0.3342, 0.3601$ , and  $10.2515, 0.3481, 0.3812$  is the 20% darker color. If you saturate the color by 10%, you get  $25.4924, 0.3555, 0.3896$ , and if you desaturate by 10%, it is  $27.1435, 0.3244, 0.3459$ .

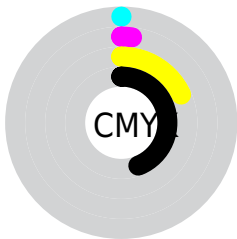
# Distribution



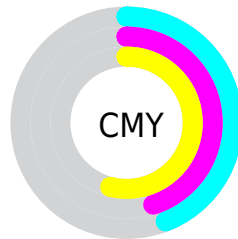
- Red (56%)
- Green (55%)
- Blue (46%)



- Red (47%)
- Yellow (56%)
- Blue (46%)



- Cyan (0%)
- Magenta (2%)
- Yellow (18%)
- Black (44%)



- Cyan (44%)
- Magenta (45%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 26.2871, 0.3397, 0.3676 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 26.2871, 0.3397, 0.3676 by changing the saturation by 10% instead.



■ 26.2871, 0.3397,  
0.3676

■ 26.2871, 0.3397,  
0.3676

■ 284.1886, 0.3250,  
0.3463

■ 17.0385, 0.3438,  
0.3737

■ 53.7377, 0.3341,  
0.3593

■ 10.2620, 0.3493,  
0.3820

■ 72.7086, 0.3320,  
0.3564

■ 5.5730, 0.3572,  
0.3940

■ 95.6891, 0.3304,  
0.3540

■ 2.5872, 0.3692,  
0.4130

■ 123.0635, 0.3290,  
0.3520

■ 0.9202, 0.4365,  
0.5013

■ 155.2162, 0.3278,  
0.3502

■ 0.0000, 0.0000,  
0.0000

192.5318, 0.3267,

0.3487

235.3944, 0.3258,  
0.3475

■ 26.2871, 0.3397,  
0.3676

■ 26.2871, 0.3397,  
0.3676

■ 25.4924, 0.3555,  
0.3896

■ 27.1435, 0.3244,  
0.3459

■ 24.7535, 0.3714,  
0.4111

■ 28.0604, 0.3100,  
0.3250

■ 24.0691, 0.3869,  
0.4315

■ 29.0410, 0.2964,  
0.3051

■ 23.4363, 0.4014,  
0.4498

■ 30.0873, 0.2839,  
0.2866

■ 22.8520, 0.4143,  
0.4651

■ 31.2013, 0.2725,  
0.2694

■ 22.3128, 0.4250,  
0.4767

■ 32.3848, 0.2622,  
0.2536

■ 21.8146, 0.4333,  
0.4841

■ 33.6395, 0.2528,  
0.2391

■ 21.3494, 0.4392,  
0.4879

■ 34.9671, 0.2443,  
0.2260

■ 21.2598, 0.4404,  
0.4886

■ 36.3693, 0.2367,  
0.2140

# Harmonies

## Analogous

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



26.2871, 0.3535, 0.3591



26.2871, 0.3397, 0.3676



26.2871, 0.3190, 0.3653

# Triad

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



26.2871, 0.3397, 0.3676



26.2871, 0.2713, 0.3124



26.2871, 0.3277, 0.3074

# Complementary

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



26.2871, 0.3397, 0.3676



19.5259, 0.2844, 0.2872

# 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.



26.2871, 0.3053, 0.2957



26.2871, 0.3397, 0.3676



26.2871, 0.2733, 0.2979

# Square

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



26.2871, 0.3397, 0.3676



26.2871, 0.2798, 0.3324



26.2871, 0.2855, 0.2922



26.2871, 0.3465, 0.3244



# Rectangle

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



26.2871, 0.3397, 0.3676



26.2871, 0.3041, 0.3576



26.2871, 0.2855, 0.2922



26.2871, 0.3203, 0.3027

# Sweetspot

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



26.2883, 0.3397, 0.3676



48.3622, 0.3201, 0.3397



20.2630, 0.3424, 0.3239



11.0675, 0.3210, 0.3410



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.



26.2883, 0.3397, 0.3676



45.7570, 0.3466, 0.3773



26.3139, 0.3278, 0.3739



6.1822, 0.3261, 0.3483



18.5439, 0.4402, 0.4887



0.1965, 0.4288, 0.4977



# Inverse Universe

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



19.5259, 0.2844, 0.2872



31.3553, 0.2767, 0.2756



19.5536, 0.2956, 0.2833



5.3477, 0.2990, 0.3089



2.1056, 0.1530, 0.0706



0.0356, 0.1652, 0.1147



# Previews

## White Background



This preview shows how the Yxy color 26.2871, 0.3397, 0.3676 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

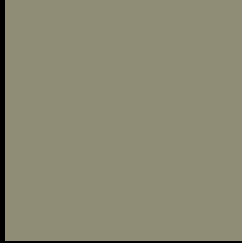
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the Yxy color 26.2871, 0.3397, 0.3676 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

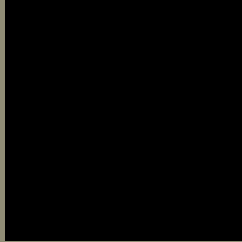
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

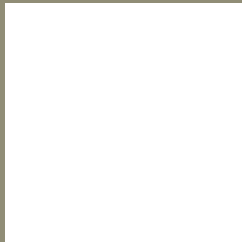
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 26.2871, 0.3397, 0.3676**

## Background



This preview shows how black text looks on a background with the Yxy color 26.2871, 0.3397, 0.3676.



This preview shows how white text looks on a background with the Yxy color 26.2871, 0.3397, 0.3676.

# 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

26.2871, 0.3397, 0.3676

### Protanopia

26.3364, 0.3457, 0.3671

### Deuteranopia

26.2369, 0.3605, 0.3544



## Tritanopia

26.3253, 0.3135, 0.3114

# Trichromacy



## Original Color

26.2871, 0.3397, 0.3676

## Protanomaly

26.2436, 0.3445, 0.3672

## Deuteranomaly

26.1918, 0.3527, 0.3581

## Tritanomaly

26.1861, 0.3237, 0.3307

# Monochromacy



## Original Color

26.2871, 0.3397, 0.3676

## Achromatopsia

25.8183, 0.3127, 0.3290

## Achromatomaly

26.0576, 0.3230, 0.3441

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 26.2871, 0.3397, 0.3676 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(144, 141, 118)` looks like.

```
.text, #text, p{  
    color:rgb(144, 141, 118)  
}
```

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(144, 141, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 141, 118) }
```

## Border

The CSS property to change the border of an element to Yxy 26.2871, 0.3397, 0.3676 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(144, 141, 118) }
```

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

```
.border{ border-color:rgb(144, 141, 118) }
```

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

Here you see how a box with a 4 pixel rgb(144, 141, 118) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 141, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 141, 118);  
box-shadow:4px 4px 4px 4px rgb(144, 141,  
118) }
```



# Background

The CSS property to change the background color of an element to Yxy 26.2871, 0.3397, 0.3676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 141, 118) }
```

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

```
.background{ background-color: rgb(144,  
141, 118) }
```

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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