

Converting Colors

$Y_{xy}(25.0154, 0.3853, 0.4151)$

Have a look what the booklet for
Yxy(25.0154, 0.3853, 0.4151)
contains.

Yxy(25.1107, 0.3857, 0.4156)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$\text{Yxy}(25.1107, 0.3857, 0.4156)$

Conversions

Conversions Part 1

Format	Color
Hex	978954
RGB	151, 137, 84
RGB Percent	59%, 54%, 33%
CMY	0.4080, 0.4627, 0.6706
CMYK	0.00, 0.09, 0.44, 0.41
HSL	47°, 29%, 46%
HSV	47°, 44%, 59%
XYZ	23.3041, 25.1107, 12.0055
YIQ	135.1440, 25.3570, -13.5150

Conversions

Conversions Part 2

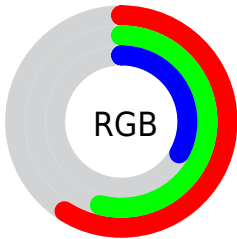
Format	Color
RYB	102, 151, 84
Decimal	9931092
CIELab	57.18, -2.50, 30.27
CIELCh	57, 30.377, 94.720
Yxy	25.1107, 0.3857, 0.4156
Android (android.graphics.Color)	4288121172 (0xFF978954)
YUV	135.1440, -25.2140, 13.9057
Hunter-Lab	50.1106, -4.6813, 20.8727

Details

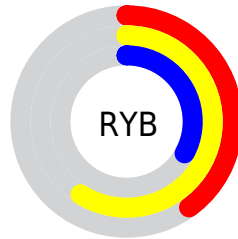
The Yxy color **25.1107, 0.3857, 0.4156** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **12.8449, 0.2367, 0.2235**, and the grayscale version is **24.3724, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6700, 0.3710, 0.3980**, and **9.5466, 0.4092, 0.4449** is the 20% darker color. If you saturate the color by 10%, you get **24.0187, 0.4030, 0.4333**, and if you desaturate by 10%, it is **26.2821, 0.3682, 0.3963**.

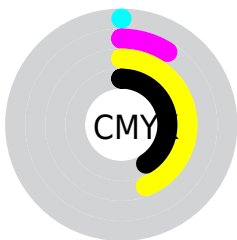
Distribution



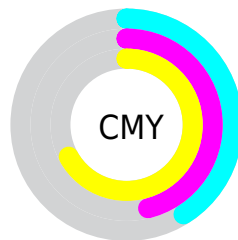
- Red (59%)
- Green (54%)
- Blue (33%)



- Red (40%)
- Yellow (59%)
- Blue (33%)



- Cyan (0%)
- Magenta (9%)
- Yellow (44%)
- Black (41%)





- Cyan (41%)
- Magenta (46%)
- Yellow (67%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.1107, 0.3857, 0.4156 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 25.1107, 0.3857, 0.4156 by changing the saturation by 10% instead.


 25.1107, 0.3857,
0.4156


 25.1107, 0.3857,
0.4156


278.3888, 0.3465,
0.3684


 16.1596, 0.3960,
0.4284


 51.8368, 0.3709,
0.3976


 9.6371, 0.4093,
0.4450


 70.3804, 0.3655,
0.3911


 5.1590, 0.4265,
0.4672

 92.8904, 0.3610,
0.3857

 2.3409, 0.4741,
0.5259

 119.7511, 0.3572,
0.3812

 0.7952, 0.4663,
0.5337

 151.3469, 0.3539,
0.3773

 0.0000, 0.0000,
0.0000

188.0622, 0.3511,

0.3739

230.2814, 0.3486,
0.3710

■ 25.1107, 0.3857,
0.4156

■ 25.1107, 0.3857,
0.4156

■ 24.0187, 0.4030,
0.4333

■ 26.2821, 0.3682,
0.3963

■ 22.9991, 0.4193,
0.4486

■ 27.5327, 0.3510,
0.3764

■ 22.0491, 0.4340,
0.4604

■ 28.8665, 0.3345,
0.3565

■ 21.1642, 0.4464,
0.4681

■ 30.2864, 0.3191,
0.3372

■ 20.3391, 0.4560,
0.4714

■ 31.7951, 0.3048,
0.3187

■ 19.8919, 0.4609,
0.4722

■ 33.3950, 0.2917,
0.3014

■ 35.0886, 0.2798,
0.2853

■ 36.8780, 0.2691,
0.2704

■ 38.7655, 0.2595,
0.2568

Harmonies

Analogous

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



25.1107, 0.4135, 0.3855



25.1107, 0.3857, 0.4156



25.1107, 0.3394, 0.4229

Triad

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



25.1107, 0.3857, 0.4156



25.1107, 0.2220, 0.2991



25.1107, 0.3317, 0.2716

Complementary

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



25.1107, 0.3857, 0.4156



12.8449, 0.2367, 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.



25.1107, 0.2798, 0.2508



25.1107, 0.3857, 0.4156



25.1107, 0.2203, 0.2629

Square

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



25.1107, 0.3857, 0.4156



25.1107, 0.2458, 0.3500



25.1107, 0.2404, 0.2470



25.1107, 0.3819, 0.3052

Rectangle

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



25.1107, 0.3857, 0.4156



25.1107, 0.3049, 0.4101



25.1107, 0.2404, 0.2470



25.1107, 0.3137, 0.2630

Sweetspot

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



25.1119, 0.3857, 0.4156



51.9915, 0.3328, 0.3544



13.8084, 0.4003, 0.3045



11.7012, 0.3361, 0.3584



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.1119, 0.3857, 0.4156



43.0901, 0.4025, 0.4328



27.6686, 0.3554, 0.4434



7.0043, 0.3265, 0.3465



16.9715, 0.4606, 0.4725



0.3028, 0.4394, 0.4893

Inverse Universe

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



12.8449, 0.2367, 0.2235



18.3193, 0.2184, 0.1956



11.4559, 0.2538, 0.2027



6.2246, 0.2988, 0.3109



2.7906, 0.1567, 0.0842



0.0861, 0.1753, 0.1511

Previews

White Background



This preview shows how the Yxy color 25.1107, 0.3857, 0.4156 looks on a white background.

Color Contrast Check

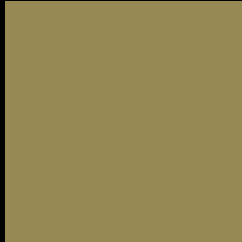
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.1107, 0.3857, 0.4156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

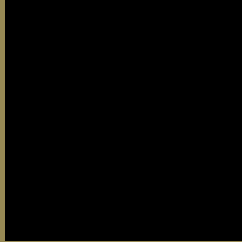
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.1107, 0.3857, 0.4156

Background



This preview shows how black text looks on a background with the Yxy color 25.1107, 0.3857, 0.4156.



This preview shows how white text looks on a background with the Yxy color 25.1107, 0.3857, 0.4156.

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

25.1107, 0.3857, 0.4156

Protanopia

25.0154, 0.3845, 0.4160

Deuteranopia

24.9955, 0.4074, 0.3996



Tritanopia

25.0268, 0.3332, 0.3133

Trichromacy



Original Color

25.1107, 0.3857, 0.4156

Protanomaly

25.0154, 0.3845, 0.4160

Deuteranomaly

25.0080, 0.3998, 0.4043

Tritanomaly

25.0997, 0.3529, 0.3502

Monochromacy



Original Color

25.1107, 0.3857, 0.4156

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.5320, 0.3398, 0.3633

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.1107, 0.3857, 0.4156 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(151, 137, 84)` looks like.

```
.text, #text, p{  
    color:rgb(151, 137, 84)  
}
```

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(151, 137, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 137, 84) }
```

Border

The CSS property to change the border of an element to Yxy 25.1107, 0.3857, 0.4156 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(151, 137, 84) }
```

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

```
.border{ border-color:rgb(151, 137, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 137, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 137, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 137, 84);  
box-shadow:4px 4px 4px 4px rgb(151, 137,  
84) }
```


Background

The CSS property to change the background color of an element to Yxy 25.1107, 0.3857, 0.4156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 137, 84) }
```

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

```
.background{ background-color: rgb(151,  
137, 84) }
```

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