

Converting Colors

$Y_{xy}(25.9610, 0.3520, 0.4077)$

Have a look what the booklet for
Yxy(25.9610, 0.3520, 0.4077)
contains.

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Color

Yxy(25.8451, 0.3516, 0.4067)

Conversions

Conversions Part 1

Format	Color
Hex	898F62
RGB	137, 143, 98
RGB Percent	54%, 56%, 38%
CMY	0.4627, 0.4392, 0.6158
CMYK	0.04, 0.00, 0.31, 0.44
HSL	68°, 19%, 47%
HSV	68°, 31%, 56%
XYZ	22.3436, 25.8451, 15.3596
YIQ	136.0760, 10.8690, -15.2670

Conversions

Conversions Part 2

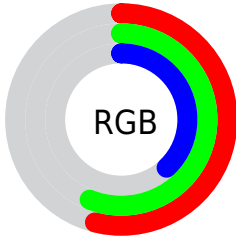
Format	Color
R_{YB}	98, 143, 104
Decimal	9015138
CIE _{Lab}	57.89, -9.91, 23.28
CIE _{LCh}	58, 25.303, 113.046
Yxy	25.8451, 0.3516, 0.4067
Android (android.graphics.Color)	4287205218 (0xFF898F62)
YUV	136.0760, -18.7715, 0.8103
Hunter-Lab	50.8381, -10.5150, 17.6735

Details

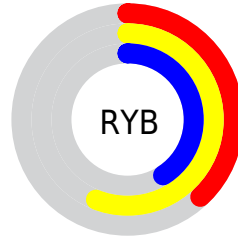
The Yxy color $25.8451, 0.3516, 0.4067$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $13.6551, 0.2659, 0.2416$, and the grayscale version is $24.7193, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.1788, 0.3440, 0.3902$, and $10.0462, 0.3626, 0.4363$ is the 20% darker color. If you saturate the color by 10%, you get $25.4404, 0.3633, 0.4315$, and if you desaturate by 10%, it is $26.3032, 0.3393, 0.3815$.

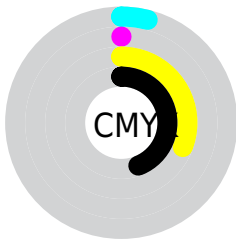
Distribution



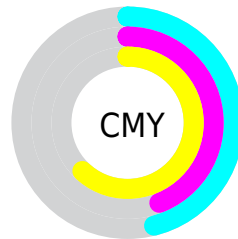
- Red (54%)
- Green (56%)
- Blue (38%)



- Red (38%)
- Yellow (56%)
- Blue (41%)



- Cyan (4%)
- Magenta (0%)
- Yellow (31%)
- Black (44%)





- Cyan (46%)
- Magenta (44%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.8451, 0.3516, 0.4067 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 25.8451, 0.3516, 0.4067 by changing the saturation by 10% instead.


 25.8451, 0.3516,
0.4067


 25.8451, 0.3516,
0.4067


282.0209, 0.3310,
0.3633


 16.7078, 0.3570,
0.4192


 53.0249, 0.3439,
0.3898

 10.0264, 0.3638,
0.4363


 71.8363, 0.3411,
0.3838

 5.4164, 0.3727,
0.4608

 94.6411, 0.3387,
0.3788

 2.4936, 0.3885,
0.5046

 121.8237, 0.3367,
0.3747

 0.8734, 0.4025,
0.5975

153.7686, 0.3350,
0.3712

 0.0000, 0.0000,
0.0000

190.8602, 0.3335,

0.3682

233.4828, 0.3322,
0.3656

■ 25.8451, 0.3516,
0.4067

■ 25.8451, 0.3516,
0.4067

■ 25.4404, 0.3633,
0.4315

■ 26.3032, 0.3393,
0.3815

■ 25.0831, 0.3738,
0.4549

■ 26.8137, 0.3268,
0.3565

■ 24.7714, 0.3827,
0.4759


■ 27.3798, 0.3145,
0.3325


■ 24.5023, 0.3896,
0.4938


■ 28.0039, 0.3026,
0.3097


■ 24.2723, 0.3941,
0.5077


■ 28.6877, 0.2914,
0.2885

 24.0770, 0.3961,
0.5173

 29.4333, 0.2808,
0.2689

 23.9283, 0.3965,
0.5233

 30.2424, 0.2711,
0.2510

 31.1167, 0.2621,
0.2347

 32.0580, 0.2539,
0.2200

Harmonies

Analogous

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



25.8451, 0.3849, 0.3935



25.8451, 0.3516, 0.4067



25.8451, 0.3093, 0.3962

Triad

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



25.8451, 0.3516, 0.4067



25.8451, 0.2335, 0.2845



25.8451, 0.3549, 0.2974

Complementary

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



25.8451, 0.3516, 0.4067



13.6551, 0.2659, 0.2416

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.



25.8451, 0.3115, 0.2724



25.8451, 0.3516, 0.4067



25.8451, 0.2435, 0.2638

Square

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



25.8451, 0.3516, 0.4067



25.8451, 0.2426, 0.3205



25.8451, 0.2711, 0.2602



25.8451, 0.3878, 0.3302

Rectangle

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



25.8451, 0.3516, 0.4067



25.8451, 0.2819, 0.3759



25.8451, 0.2711, 0.2602



25.8451, 0.3409, 0.2879

Sweetspot

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



25.8463, 0.3516, 0.4067



48.2410, 0.3240, 0.3509



16.4672, 0.3785, 0.3386



11.0330, 0.3256, 0.3541



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.



25.8463, 0.3516, 0.4067



45.7442, 0.3602, 0.4249



24.1880, 0.3268, 0.4133



6.2495, 0.3240, 0.3509



21.1627, 0.3967, 0.5233



0.2089, 0.4085, 0.5138

Inverse Universe

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



13.6551, 0.2659, 0.2416



20.2546, 0.2527, 0.2179



15.1299, 0.2933, 0.2481



5.2873, 0.3009, 0.3064



1.8820, 0.1565, 0.0636



0.0233, 0.1826, 0.0780

Previews

White Background



This preview shows how the Yxy color 25.8451, 0.3516, 0.4067 looks on a white background.

Color Contrast Check

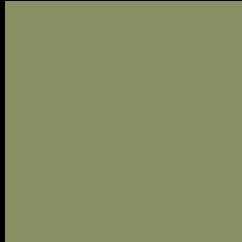
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.8451, 0.3516, 0.4067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

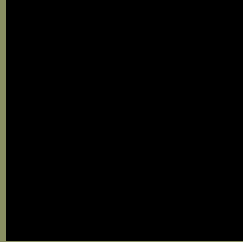
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.8451, 0.3516, 0.4067

Background



This preview shows how black text looks on a background with the Yxy color 25.8451, 0.3516, 0.4067.



This preview shows how white text looks on a background with the Yxy color 25.8451, 0.3516, 0.4067.

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

25.8451, 0.3516, 0.4067

Protanopia

25.7938, 0.3709, 0.3999

Deuteranopia

25.6945, 0.3880, 0.3805



Tritanopia

25.8691, 0.3081, 0.3111

Trichromacy



Original Color

25.8451, 0.3516, 0.4067

Protanomaly

25.6390, 0.3633, 0.4013

Deuteranomaly

25.7607, 0.3748, 0.3906

Tritanomaly

25.7397, 0.3242, 0.3441

Monochromacy



Original Color

25.8451, 0.3516, 0.4067

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1046, 0.3269, 0.3584

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.8451, 0.3516, 0.4067 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(137, 143, 98)` looks like.

```
.text, #text, p{  
    color:rgb(137, 143, 98)  
}
```

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(137, 143, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 143, 98) }
```

Border

The CSS property to change the border of an element to Yxy 25.8451, 0.3516, 0.4067 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(137, 143, 98) }
```

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

```
.border{ border-color:rgb(137, 143, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 143, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 143, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 143, 98);  
box-shadow:4px 4px 4px 4px rgb(137, 143,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 25.8451, 0.3516, 0.4067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 143, 98) }
```

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

```
.background{ background-color: rgb(137,  
143, 98) }
```

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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