

Converting Colors

$Y_{xy}(25.3947, 0.3544, 0.4129)$

Have a look what the booklet for
Yxy(25.3947, 0.3544, 0.4129)
contains.

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Color

Yxy(25.3884, 0.3548, 0.4123)

Conversions

Conversions Part 1

Format	Color
Hex	888E5E
RGB	136, 142, 94
RGB Percent	53%, 56%, 37%
CMY	0.4666, 0.4431, 0.6313
CMYK	0.04, 0.00, 0.34, 0.44
HSL	67°, 20%, 46%
HSV	67°, 34%, 56%
XYZ	21.8477, 25.3884, 14.3414
YIQ	134.7340, 11.8320, -16.2000

Conversions

Conversions Part 2

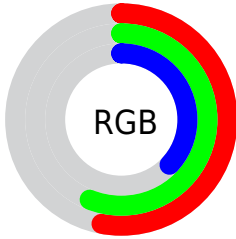
Format	Color
R_{YB}	94, 142, 100
Decimal	8949342
CIE _{Lab}	57.45, -10.32, 24.88
CIE _{LCh}	57, 26.937, 112.523
Yxy	25.3884, 0.3548, 0.4123
Android (android.graphics.Color)	4287139422 (0xFF888E5E)
YUV	134.7340, -20.0819, 1.1103
Hunter-Lab	50.3869, -10.7797, 18.3954

Details

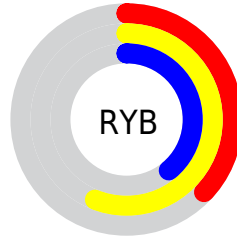
The Yxy color $25.3884, 0.3548, 0.4123$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $12.6707, 0.2614, 0.2342$, and the grayscale version is $24.1984, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.4713, 0.3464, 0.3944$, and $9.7908, 0.3671, 0.4444$ is the 20% darker color. If you saturate the color by 10%, you get $25.0102, 0.3664, 0.4367$, and if you desaturate by 10%, it is $25.8182, 0.3425, 0.3872$.

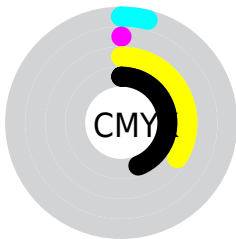
Distribution



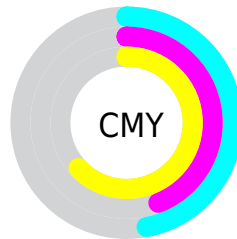
- Red (53%)
- Green (56%)
- Blue (37%)



- Red (37%)
- Yellow (56%)
- Blue (39%)



- Cyan (4%)
- Magenta (0%)
- Yellow (34%)
- Black (44%)




- Cyan (47%)
- Magenta (44%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3884, 0.3548, 0.4123 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 25.3884, 0.3548, 0.4123 by changing the saturation by 10% instead.


 25.3884, 0.3548,
0.4123


 25.3884, 0.3548,
0.4123


279.7667, 0.3325,
0.3657

 16.3667, 0.3605,
0.4257


 52.2866, 0.3465,
0.3941


 9.7840, 0.3679,
0.4441


 70.9319, 0.3434,
0.3876

 5.2560, 0.3771,
0.4703

 93.5538, 0.3409,
0.3823

 2.3982, 0.3977,
0.5229

 120.5368, 0.3387,
0.3779

 0.8250, 0.3922,
0.6078

152.2651, 0.3368,
0.3742

 0.0000, 0.0000,
0.0000

189.1233, 0.3352,

0.3709

231.4957, 0.3338,
0.3681

■ 25.3884, 0.3548,
0.4123

■ 25.3884, 0.3548,
0.4123

■ 25.0102, 0.3664,
0.4367

■ 25.8182, 0.3425,
0.3872

■ 24.6777, 0.3768,
0.4595

■ 26.2987, 0.3299,
0.3622

■ 24.3890, 0.3854,
0.4798


■ 26.8331, 0.3174,
0.3379


■ 24.1412, 0.3919,
0.4966


■ 27.4237, 0.3053,
0.3148


■ 23.9306, 0.3959,
0.5094

■ 28.0723, 0.2937,
0.2932


 23.7527, 0.3975,
0.5179

 28.7808, 0.2829,
0.2732

 23.6507, 0.3979,
0.5222

 29.5511, 0.2729,
0.2549

 30.3848, 0.2637,
0.2383

 31.2836, 0.2552,
0.2231

Harmonies

Analogous

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



25.3884, 0.3902, 0.3972



25.3884, 0.3548, 0.4123



25.3884, 0.3096, 0.4018

Triad

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



25.3884, 0.3548, 0.4123



25.3884, 0.2283, 0.2818



25.3884, 0.3571, 0.2947

Complementary

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



25.3884, 0.3548, 0.4123



12.6707, 0.2614, 0.2342

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.



25.3884, 0.3104, 0.2685



25.3884, 0.3548, 0.4123



25.3884, 0.2386, 0.2596

Square

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



25.3884, 0.3548, 0.4123



25.3884, 0.2383, 0.3204



25.3884, 0.2675, 0.2557



25.3884, 0.3928, 0.3293

Rectangle

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



25.3884, 0.3548, 0.4123



25.3884, 0.2803, 0.3801



25.3884, 0.2675, 0.2557



25.3884, 0.3420, 0.2847

Sweetspot

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



25.3895, 0.3548, 0.4123



46.7011, 0.3254, 0.3534



15.5994, 0.3850, 0.3394



10.4055, 0.3269, 0.3564



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



25.3895, 0.3548, 0.4123



44.2255, 0.3642, 0.4321



23.6265, 0.3277, 0.4201



6.2517, 0.3241, 0.3509



21.2396, 0.3980, 0.5221



0.2093, 0.4092, 0.5133

Inverse Universe

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



12.6707, 0.2614, 0.2342



18.0703, 0.2465, 0.2077



14.2166, 0.2916, 0.2418



5.2853, 0.3008, 0.3064



1.8717, 0.1559, 0.0633



0.0229, 0.1808, 0.0769

Previews

White Background



This preview shows how the Yxy color 25.3884, 0.3548, 0.4123 looks on a white background.

Color Contrast Check

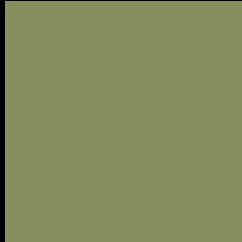
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3884, 0.3548, 0.4123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

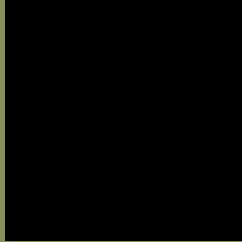
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

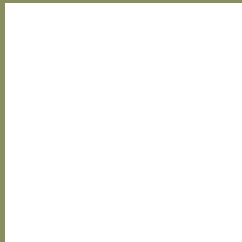
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.3884, 0.3548, 0.4123

Background



This preview shows how black text looks on a background with the Yxy color 25.3884, 0.3548, 0.4123.



This preview shows how white text looks on a background with the Yxy color 25.3884, 0.3548, 0.4123.

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

25.3884, 0.3548, 0.4123

Protanopia

25.3392, 0.3744, 0.4052

Deuteranopia

25.2396, 0.3920, 0.3854



Tritanopia

25.5233, 0.3102, 0.3127

Trichromacy



Original Color

25.3884, 0.3548, 0.4123

Protanomaly

25.1848, 0.3668, 0.4068

Deuteranomaly

25.3046, 0.3784, 0.3958

Tritanomaly

25.2847, 0.3263, 0.3477

Monochromacy



Original Color

25.3884, 0.3548, 0.4123

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

24.6839, 0.3280, 0.3603

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3884, 0.3548, 0.4123 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(136, 142, 94)` looks like.

```
.text, #text, p{  
    color:rgb(136, 142, 94)  
}
```

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(136, 142, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 142, 94) }
```

Border

The CSS property to change the border of an element to Yxy 25.3884, 0.3548, 0.4123 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(136, 142, 94) }
```

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

```
.border{ border-color:rgb(136, 142, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 142, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 142, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 142, 94);  
box-shadow:4px 4px 4px 4px rgb(136, 142,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3884, 0.3548, 0.4123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 142, 94) }
```

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

```
.background{ background-color: rgb(136,  
142, 94) }
```

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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