

Converting Colors

$Y_{xy}(25.4449, 0.3842, 0.3957)$

Have a look what the booklet for
Yxy(25.4449, 0.3842, 0.3957)
contains.

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Color

Yxy(25.3042, 0.3838, 0.3949)

Conversions

Conversions Part 1

Format	Color
Hex	9D875E
RGB	157, 135, 94
RGB Percent	62%, 53%, 37%
CMY	0.3842, 0.4706, 0.6313
CMYK	0.00, 0.14, 0.40, 0.38
HSL	39°, 25%, 49%
HSV	39°, 40%, 62%
XYZ	24.5929, 25.3042, 14.1803
YIQ	136.9040, 26.2730, -8.0870

Conversions

Conversions Part 2

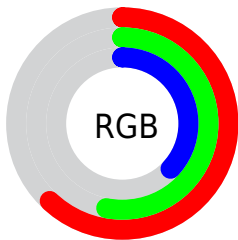
Format	Color
RYB	128, 157, 94
Decimal	10323806
CIELab	57.37, 2.36, 25.12
CIELCh	57, 25.235, 84.638
Yxy	25.3042, 0.3838, 0.3949
Android (android.graphics.Color)	4288513886 (0xFF9D875E)
YUV	136.9040, -21.1517, 17.6242
Hunter-Lab	50.3033, -0.7633, 18.4986

Details

The Yxy color $25.3042, 0.3838, 0.3949$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $17.3161, 0.2471, 0.2523$, and the grayscale version is $25.0538, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.1569, 0.3692, 0.3810$, and $9.6453, 0.4088, 0.4163$ is the 20% darker color. If you saturate the color by 10%, you get $23.5589, 0.4047, 0.4107$, and if you desaturate by 10%, it is $27.1882, 0.3639, 0.3782$.

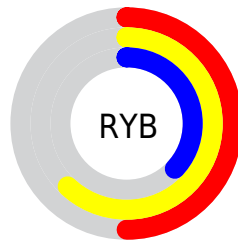
Distribution



Red (62%)

Green (53%)

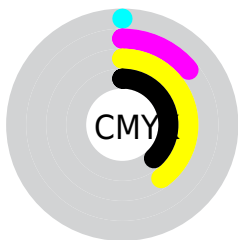
Blue (37%)



Red (50%)

Yellow (62%)

Blue (37%)

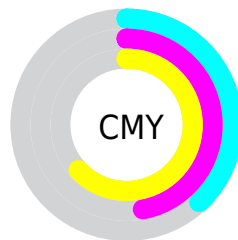


Cyan (0%)

Magenta (14%)

Yellow (40%)

Black (38%)



Cyan (38%)


Magenta (47%)


Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.3042, 0.3838, 0.3949 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 25.3042, 0.3838, 0.3949 by changing the saturation by 10% instead.


 25.3042, 0.3838,
0.3949


 25.3042, 0.3838,
0.3949


279.3495, 0.3450,
0.3594


 16.3038, 0.3945,
0.4045


 52.1503, 0.3689,
0.3814


 9.7394, 0.4086,
0.4170


 70.7648, 0.3636,
0.3765

 5.2265, 0.4280,
0.4337

 93.3529, 0.3592,
0.3724

 2.3808, 0.4664,
0.4674

 120.2988, 0.3554,
0.3690

 0.8160, 0.5052,
0.4948

151.9870, 0.3522,
0.3661

 0.0000, 0.0000,
0.0000

188.8020, 0.3495,

0.3635

231.1280, 0.3471,
0.3613

■ 25.3042, 0.3838,
0.3949

■ 25.3042, 0.3838,
0.3949

■ 23.5589, 0.4047,
0.4107

■ 27.1882, 0.3639,
0.3782

■ 21.9441, 0.4259,
0.4247

■ 29.2117, 0.3453,
0.3614

■ 20.4559, 0.4466,
0.4358

■ 31.3801, 0.3283,
0.3449

■ 19.0887, 0.4657,
0.4430

■ 33.6972, 0.3129,
0.3292

■ 17.8360, 0.4823,
0.4454

■ 36.1666, 0.2991,
0.3144

■ 16.6982, 0.4965,
0.4440

■ 38.7919, 0.2868,
0.3006

■ 41.5766, 0.2758,
0.2879

■ 44.5238, 0.2660,
0.2762

■ 47.6367, 0.2574,
0.2655

Harmonies

Analogous

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



25.3042, 0.3990, 0.3666



25.3042, 0.3838, 0.3949



25.3042, 0.3496, 0.4071

Triad

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



25.3042, 0.3838, 0.3949



25.3042, 0.2413, 0.3183



25.3042, 0.3138, 0.2733

Complementary

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



25.3042, 0.3838, 0.3949



17.3161, 0.2471, 0.2523

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.



25.3042, 0.2728, 0.2602



25.3042, 0.3838, 0.3949



25.3042, 0.2332, 0.2828

Square

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



25.3042, 0.3838, 0.3949



25.3042, 0.2676, 0.3609



25.3042, 0.2443, 0.2629



25.3042, 0.3572, 0.2988

Rectangle

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



25.3042, 0.3838, 0.3949



25.3042, 0.3214, 0.4020



25.3042, 0.2443, 0.2629



25.3042, 0.2993, 0.2673

Sweetspot

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



25.3054, 0.3838, 0.3949



55.3414, 0.3317, 0.3483



16.4407, 0.3755, 0.2930



12.0755, 0.3337, 0.3503



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.3054, 0.3838, 0.3949



42.5413, 0.4021, 0.4089



31.1867, 0.3610, 0.4294



7.3296, 0.3269, 0.3435



13.6286, 0.4957, 0.4446



0.3201, 0.4588, 0.4739

Inverse Universe

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



17.3161, 0.2471, 0.2523



26.2769, 0.2318, 0.2318



13.3539, 0.2508, 0.2128



6.7957, 0.2988, 0.3141



4.2519, 0.1655, 0.1157



0.1515, 0.1871, 0.1935

Previews

White Background



This preview shows how the Yxy color 25.3042, 0.3838, 0.3949 looks on a white background.

Color Contrast Check

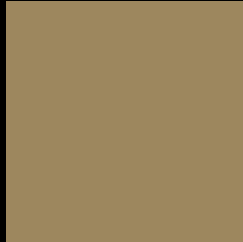
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3042, 0.3838, 0.3949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

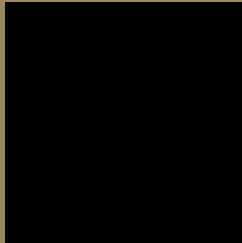
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3042, 0.3838, 0.3949

Background



This preview shows how black text looks on a background with the Yxy color 25.3042, 0.3838, 0.3949.



This preview shows how white text looks on a background with the Yxy color 25.3042, 0.3838, 0.3949.

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

25.3042, 0.3838, 0.3949

Protanopia

25.3927, 0.3713, 0.4003

Deuteranopia

25.3281, 0.3943, 0.3866



Tritanopia

25.2460, 0.3405, 0.3136

Trichromacy



Original Color

25.3042, 0.3838, 0.3949

Protanomaly

25.3929, 0.3754, 0.3979

Deuteranomaly

25.2827, 0.3900, 0.3889

Tritanomaly

25.1362, 0.3561, 0.3418

Monochromacy



Original Color

25.3042, 0.3838, 0.3949

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.9181, 0.3378, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3042, 0.3838, 0.3949 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(157, 135, 94)` looks like.

```
.text, #text, p{  
    color:rgb(157, 135, 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(157, 135, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 135, 94) }
```

Border

The CSS property to change the border of an element to Yxy 25.3042, 0.3838, 0.3949 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(157, 135, 94) }
```

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

```
.border{ border-color:rgb(157, 135, 94) }
```

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

Here you see how a box with a 4 pixel rgb(157, 135, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 135, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 135, 94);  
box-shadow:4px 4px 4px 4px rgb(157, 135,  
94) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3042, 0.3838, 0.3949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 135, 94) }
```

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

```
.background{ background-color: rgb(157,  
135, 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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