

Converting Colors

$Y_{xy}(25.1545, 0.3815, 0.4401)$

Have a look what the booklet for
Yxy(25.1545, 0.3815, 0.4401)
contains.

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Color

Yxy(25.2949, 0.3817, 0.4405)

Conversions

Conversions Part 1

Format	Color
Hex	8E8D4A
RGB	142, 141, 74
RGB Percent	56%, 55%, 29%
CMY	0.4431, 0.4471, 0.7097
CMYK	0.00, 0.01, 0.48, 0.44
HSL	59°, 31%, 42%
HSV	59°, 48%, 56%
XYZ	21.9184, 25.2949, 10.2098
YIQ	133.6610, 22.1030, -20.6250

Conversions

Conversions Part 2

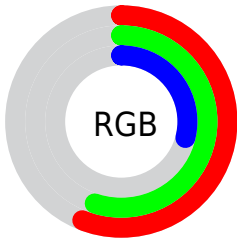
Format	Color
RYB	75, 142, 74
Decimal	9342282
CIELab	57.36, -9.60, 35.62
CIElCh	57, 36.894, 105.080
Yxy	25.2949, 0.3817, 0.4405
Android (android.graphics.Color)	4287532362 (0xFF8E8D4A)
YUV	133.6610, -29.4129, 7.3133
Hunter-Lab	50.2940, -10.2233, 23.1698

Details

The Yxy color $25.2949, 0.3817, 0.4405$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $8.4476, 0.2255, 0.1862$, and the grayscale version is $23.8150, 0.3127, 0.3290$.

A 20% lighter version of the original color is $51.9091, 0.3690, 0.4168$, and $9.7304, 0.4012, 0.4793$ is the 20% darker color. If you saturate the color by 10%, you get $25.0633, 0.3939, 0.4600$, and if you desaturate by 10%, it is $25.5721, 0.3681, 0.4186$.

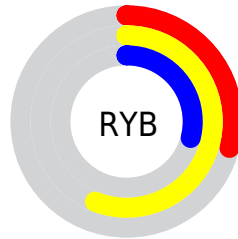
Distribution



Red (56%)

Green (55%)

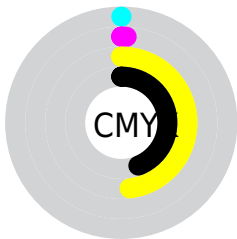
Blue (29%)



Red (29%)

Yellow (56%)

Blue (29%)

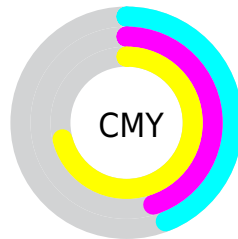


Cyan (0%)

Magenta (1%)

Yellow (48%)

Black (44%)



Cyan (44%)


Magenta (45%)


Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.2949, 0.3817, 0.4405 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 25.2949, 0.3817, 0.4405 by changing the saturation by 10% instead.


 25.2949, 0.3817,
0.4405


 25.2949, 0.3817,
0.4405

279.3034, 0.3458,
0.3791


 16.2969, 0.3904,
0.4573


 52.1352, 0.3686,
0.4170


 9.7345, 0.4008,
0.4792


 70.7464, 0.3637,
0.4085

 5.2233, 0.4127,
0.5086

 93.3306, 0.3595,
0.4015

 2.3789, 0.4358,
0.5642

 120.2725, 0.3560,
0.3955

 0.8150, 0.3987,
0.6013

 151.9563, 0.3529,
0.3905

 0.0000, 0.0000,
0.0000

188.7665, 0.3502,

0.3862

231.0874, 0.3479,
0.3824

■ 25.2949, 0.3817,
0.4405

■ 25.2949, 0.3817,
0.4405

■ 25.0633, 0.3939,
0.4600

■ 25.5721, 0.3681,
0.4186

■ 24.8710, 0.4042,
0.4764

■ 25.8942, 0.3536,
0.3952

■ 24.7157, 0.4123,
0.4889

■ 26.2648, 0.3387,
0.3712

■ 24.5937, 0.4178,
0.4973

■ 26.6860, 0.3240,
0.3473

■ 24.4973, 0.4212,
0.5023

■ 27.1602, 0.3097,
0.3242

■ 24.4775, 0.4219,
0.5032

■ 27.6893, 0.2962,
0.3021

■ 28.2751, 0.2835,
0.2814

■ 28.9196, 0.2718,
0.2623

■ 29.6245, 0.2611,
0.2447

Harmonies

Analogous

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



25.2949, 0.4254, 0.4095



25.2949, 0.3817, 0.4405



25.2949, 0.3220, 0.4388

Triad

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



25.2949, 0.3817, 0.4405



25.2949, 0.2014, 0.2742



25.2949, 0.3575, 0.2730

Complementary

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



25.2949, 0.3817, 0.4405



8.4476, 0.2255, 0.1862

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.



25.2949, 0.2930, 0.2430



25.2949, 0.3817, 0.4405



25.2949, 0.2085, 0.2403

Square

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



25.2949, 0.3817, 0.4405



25.2949, 0.2199, 0.3311



25.2949, 0.2400, 0.2308



25.2949, 0.4132, 0.3156

Rectangle

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



25.2949, 0.3817, 0.4405



25.2949, 0.2815, 0.4142



25.2949, 0.2400, 0.2308



25.2949, 0.3358, 0.2613

Sweetspot

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



25.2961, 0.3817, 0.4405



46.5626, 0.3334, 0.3626



11.1629, 0.4364, 0.3273



10.3691, 0.3362, 0.3672



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.



25.2961, 0.3817, 0.4405



44.1771, 0.3943, 0.4606



23.1052, 0.3422, 0.4587



6.2718, 0.3259, 0.3504



21.9756, 0.4219, 0.5032



0.2130, 0.4205, 0.5043

Inverse Universe

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



8.4476, 0.2255, 0.1862



10.9159, 0.2044, 0.1514



9.9730, 0.2668, 0.1988



5.2671, 0.2990, 0.3066



1.7972, 0.1504, 0.0614



0.0192, 0.1522, 0.0679

Previews

White Background



This preview shows how the Yxy color 25.2949, 0.3817, 0.4405 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 25.2949, 0.3817, 0.4405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

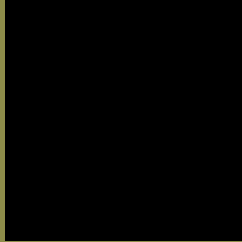
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.2949, 0.3817, 0.4405

Background



This preview shows how black text looks on a background with the Yxy color 25.2949, 0.3817, 0.4405.



This preview shows how white text looks on a background with the Yxy color 25.2949, 0.3817, 0.4405.

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

25.2949, 0.3817, 0.4405

Protanopia

25.3334, 0.3970, 0.4327

Deuteranopia

25.0792, 0.4193, 0.4113



Tritanopia

25.1782, 0.3192, 0.3113

Trichromacy



Original Color

25.2949, 0.3817, 0.4405

Protanomaly

25.2422, 0.3913, 0.4362

Deuteranomaly

25.2069, 0.4060, 0.4223

Tritanomaly

25.0512, 0.3424, 0.3576

Monochromacy



Original Color

25.2949, 0.3817, 0.4405

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.3795, 0.3391, 0.3726

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.2949, 0.3817, 0.4405 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(142, 141, 74)` looks like.

```
.text, #text, p{  
    color:rgb(142, 141, 74)  
}
```

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(142, 141, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 141, 74) }
```

Border

The CSS property to change the border of an element to Yxy 25.2949, 0.3817, 0.4405 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(142, 141, 74) }
```

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

```
.border{ border-color:rgb(142, 141, 74) }
```

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

Here you see how a box with a 4 pixel rgb(142, 141, 74) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 141, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 141, 74);  
box-shadow:4px 4px 4px 4px rgb(142, 141,  
74) }
```


Background

The CSS property to change the background color of an element to Yxy 25.2949, 0.3817, 0.4405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 141, 74) }
```

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

```
.background{ background-color: rgb(142,  
141, 74) }
```

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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