

Converting Colors

$Y_{xy}(24.0363, 0.4235, 0.4974)$

Have a look what the booklet for
Yxy(24.0363, 0.4235, 0.4974)
contains.

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Color

$\text{Yxy}(24.0363, 0.4235, 0.4974)$

Conversions

Conversions Part 1

Format	Color
Hex	8F8A09
RGB	143, 138, 9
RGB Percent	56%, 54%, 4%
CMY	0.4392, 0.4588, 0.9642
CMYK	0.00, 0.03, 0.94, 0.44
HSL	58°, 88%, 30%
HSV	58°, 94%, 56%
XYZ	20.4652, 24.0363, 3.8224
YIQ	124.7890, 44.3890, -39.0590

Conversions

Conversions Part 2

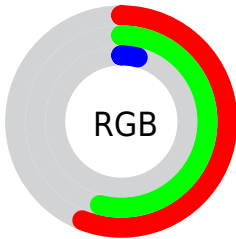
Format	Color
R_{YB}	14, 143, 9
Decimal	9406985
CIE _{Lab}	56.12, -11.20, 58.86
CIE _{LCh}	56, 59.920, 100.770
Yxy	24.0363, 0.4235, 0.4974
Android (android.graphics.Color)	4287597065 (0xFF8F8A09)
YUV	124.7890, -57.0840, 15.9710
Hunter-Lab	49.0268, -11.2861, 29.6962

Details

The Yxy color **24.0363, 0.4235, 0.4974** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **2.3588, 0.1550, 0.0699**, and the grayscale version is **20.6228, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0220, 0.4067, 0.4660**, and **9.1033, 0.4211, 0.5038** is the 20% darker color. If you saturate the color by 10%, you get **23.9201, 0.4258, 0.5001**, and if you desaturate by 10%, it is **24.2343, 0.4188, 0.4915**.

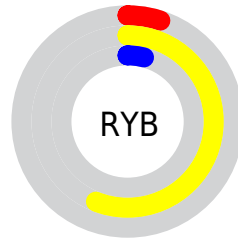
Distribution



Red (56%)

Green (54%)

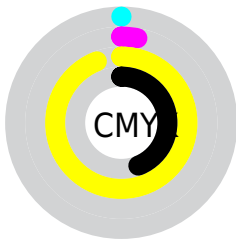
Blue (4%)



Red (5%)

Yellow (56%)

Blue (4%)

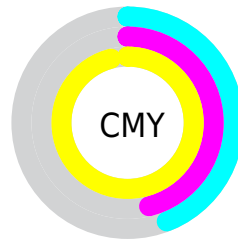


Cyan (0%)

Magenta (3%)

Yellow (94%)

Black (44%)



Cyan (44%)


Magenta (46%)

Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0363, 0.4235, 0.4974 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 24.0363, 0.4235, 0.4974 by changing the saturation by 10% instead.


 24.0363, 0.4235,
0.4974


 24.0363, 0.4235,
0.4974


 273.0039, 0.3709,
0.4096


 15.3606, 0.4320,
0.5166


 50.0894, 0.4069,
0.4665

 9.0728, 0.4427,
0.5430


 68.2356, 0.3997,
0.4543

 4.7887, 0.4399,
0.5601


 90.3074, 0.3934,
0.4440

 2.1238, 0.4246,
0.5754

 116.6891, 0.3877,
0.4351


 0.6780, 0.3537,
0.6463


 147.7653, 0.3828,
0.4274

 0.0000, 0.0000,
0.0000


 183.9202, 0.3784,

0.4207


 225.5383, 0.3744,
0.4148

 24.0363, 0.4235,
0.4974


 24.0363, 0.4235,
0.4974

 23.9201, 0.4258,
0.5001

 24.2343, 0.4188,
0.4915

 24.4629, 0.4116,
0.4815

 24.7276, 0.4020,
0.4675

 25.0322, 0.3903,
0.4499

 25.3797, 0.3770,
0.4295

■ 25.7731, 0.3625,
0.4072

■ 26.2150, 0.3475,
0.3839

■ 26.7077, 0.3325,
0.3603

■ 27.2537, 0.3179,
0.3372

Harmonies

Analogous

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



24.0363, 0.4929, 0.4311



24.0363, 0.4235, 0.4974



24.0363, 0.3317, 0.5225

Triad

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



24.0363, 0.4235, 0.4974



24.0363, 0.1456, 0.2459



24.0363, 0.3681, 0.2346

Complementary

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



24.0363, 0.4235, 0.4974



2.3588, 0.1550, 0.0699

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.



24.0363, 0.2647, 0.1951



24.0363, 0.4235, 0.4974



24.0363, 0.1521, 0.1948

Square

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



24.0363, 0.4235, 0.4974



24.0363, 0.1736, 0.3429



24.0363, 0.1908, 0.1805



24.0363, 0.4676, 0.2924

Rectangle

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



24.0363, 0.4235, 0.4974



24.0363, 0.2689, 0.4917



24.0363, 0.1908, 0.1805



24.0363, 0.3317, 0.2189

Sweetspot

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



24.0374, 0.4235, 0.4974



46.5473, 0.3550, 0.3956



6.0739, 0.6179, 0.3259



10.6049, 0.3609, 0.4047



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.



24.0374, 0.4235, 0.4974



42.7838, 0.4260, 0.5000



21.4906, 0.3475, 0.5566



6.2514, 0.3260, 0.3500



21.1590, 0.4258, 0.5001



0.2092, 0.4223, 0.5029

Inverse Universe

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



2.3588, 0.1550, 0.0699



3.7021, 0.1506, 0.0623



3.4595, 0.2023, 0.0929



5.2852, 0.2990, 0.3071



1.8628, 0.1509, 0.0634



0.0230, 0.1554, 0.0792

Previews

White Background



This preview shows how the Yxy color 24.0363, 0.4235, 0.4974 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 24.0363, 0.4235, 0.4974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

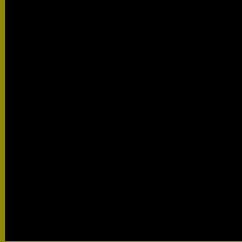
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0363, 0.4235, 0.4974

Background



This preview shows how black text looks on a background with the Yxy color 24.0363, 0.4235, 0.4974.



This preview shows how white text looks on a background with the Yxy color 24.0363, 0.4235, 0.4974.

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

24.0363, 0.4235, 0.4974

Protanopia

24.0187, 0.4386, 0.4865

Deuteranopia

24.0423, 0.4647, 0.4571



Tritanopia

23.9487, 0.3300, 0.3129

Trichromacy



Original Color

24.0363, 0.4235, 0.4974

Protanomaly

24.0154, 0.4335, 0.4901

Deuteranomaly

24.0166, 0.4495, 0.4725

Tritanomaly

23.6474, 0.3790, 0.3977

Monochromacy



Original Color

24.0363, 0.4235, 0.4974

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

21.4953, 0.3674, 0.4143

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0363, 0.4235, 0.4974 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(143, 138, 9)` looks like.

```
.text, #text, p{  
    color:rgb(143, 138, 9)  
}
```

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(143, 138, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 138, 9) }
```

Border

The CSS property to change the border of an element to Yxy 24.0363, 0.4235, 0.4974 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(143, 138, 9) }
```

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

```
.border{ border-color:rgb(143, 138, 9) }
```

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

Here you see how a box with a 4 pixel rgb(143, 138, 9) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 138, 9); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 138, 9);  
box-shadow:4px 4px 4px 4px rgb(143, 138,  
9) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0363, 0.4235, 0.4974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 138, 9) }
```

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

```
.background{ background-color: rgb(143,  
138, 9) }
```

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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