

Converting Colors

$Y_{xy}(24.8130, 0.3801, 0.3788)$

Have a look what the booklet for
Yxy(24.8130, 0.3801, 0.3788)
contains.

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Color

Yxy(24.8130, 0.3801, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	9F8465
RGB	159, 132, 101
RGB Percent	62%, 52%, 40%
CMY	0.3765, 0.4823, 0.6039
CMYK	0.00, 0.17, 0.36, 0.38
HSL	32°, 23%, 51%
HSV	32°, 36%, 62%
XYZ	24.8982, 24.8130, 15.7931
YIQ	136.5390, 26.0430, -3.9170

Conversions

Conversions Part 2

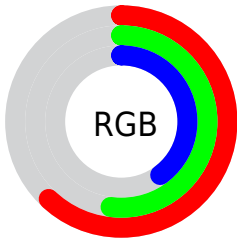
Format	Color
R_{YB}	152, 159, 101
Decimal	10454117
CIE _{Lab}	56.89, 5.73, 20.59
CIE _{LCh}	57, 21.377, 74.450
Yxy	24.8130, 0.3801, 0.3788
Android (android.graphics.Color)	4288644197 (0xFF9F8465)
YUV	136.5390, -17.5207, 19.6983
Hunter-Lab	49.8126, 2.0486, 16.0710

Details

The Yxy color **24.8130, 0.3801, 0.3788** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.7109, 0.2551, 0.2731**, and the grayscale version is **24.8940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.4120, 0.3662, 0.3688**, and **9.5170, 0.4037, 0.3960** is the 20% darker color. If you saturate the color by 10%, you get **22.5951, 0.4034, 0.3924**, and if you desaturate by 10%, it is **27.2360, 0.3588, 0.3647**.

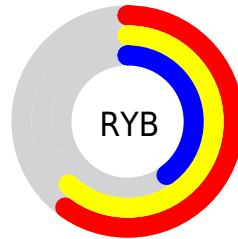
Distribution



Red (62%)

Green (52%)

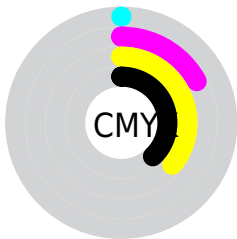
Blue (40%)



Red (60%)

Yellow (62%)

Blue (40%)

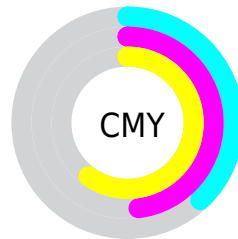


Cyan (0%)

Magenta (17%)

Yellow (36%)

Black (38%)



Cyan (38%)


Magenta (48%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8130, 0.3801, 0.3788 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 24.8130, 0.3801, 0.3788 by changing the saturation by 10% instead.


 24.8130, 0.3801,
0.3788


 24.8130, 0.3801,
0.3788


276.9054, 0.3429,
0.3521


 15.9378, 0.3906,
0.3860


 51.3537, 0.3657,
0.3687


 9.4801, 0.4049,
0.3954


 69.7880, 0.3605,
0.3650

 5.0557, 0.4250,
0.4081

 92.1774, 0.3563,
0.3619

 2.2800, 0.4590,
0.4288

 118.9063, 0.3528,
0.3593

 0.7631, 0.5314,
0.4686

150.3592, 0.3497,
0.3571

 0.0000, 0.0000,
0.0000

186.9204, 0.3471,

0.3552

228.9743, 0.3449,
0.3535

■ 24.8130, 0.3801,
0.3788

■ 24.8130, 0.3801,
0.3788

■ 22.5951, 0.4034,
0.3924

■ 27.2360, 0.3588,
0.3647

■ 20.5724, 0.4282,
0.4048

■ 29.8666, 0.3396,
0.3507

■ 18.7391, 0.4537,
0.4147

■ 32.7117, 0.3226,
0.3373

■ 17.0879, 0.4788,
0.4211

■ 35.7769, 0.3076,
0.3246

■ 15.6103, 0.5020,
0.4229

■ 39.0674, 0.2945,
0.3128

■ 14.2959, 0.5221,
0.4197

■ 42.5883, 0.2829,
0.3018

■ 13.8641, 0.5291,
0.4181

■ 46.3443, 0.2728,
0.2918

■ 50.3403, 0.2639,
0.2826

■ 54.5808, 0.2561,
0.2742

Harmonies

Analogous

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



24.8130, 0.3858, 0.3521



24.8130, 0.3801, 0.3788



24.8130, 0.3558, 0.3941

Triad

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



24.8130, 0.3801, 0.3788



24.8130, 0.2575, 0.3324



24.8130, 0.3012, 0.2756

Complementary

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



24.8130, 0.3801, 0.3788



20.7109, 0.2551, 0.2731

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.



24.8130, 0.2687, 0.2688



24.8130, 0.3801, 0.3788



24.8130, 0.2447, 0.2990

Square

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



24.8130, 0.3801, 0.3788



24.8130, 0.2849, 0.3674



24.8130, 0.2487, 0.2765



24.8130, 0.3387, 0.2946

Rectangle

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



24.8130, 0.3801, 0.3788



24.8130, 0.3331, 0.3942



24.8130, 0.2487, 0.2765



24.8130, 0.2894, 0.2718

Sweetspot

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



24.8142, 0.3801, 0.3788



56.1219, 0.3304, 0.3436



18.2415, 0.3579, 0.2857



12.5078, 0.3326, 0.3453



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



24.8142, 0.3801, 0.3788



41.0916, 0.3995, 0.3903



32.9088, 0.3641, 0.4180



7.2037, 0.3272, 0.3410



11.0353, 0.5279, 0.4191



0.2816, 0.4755, 0.4607

Inverse Universe

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



20.7109, 0.2551, 0.2731



32.6188, 0.2416, 0.2576



14.6943, 0.2502, 0.2228



6.9188, 0.2988, 0.3167



5.9295, 0.1750, 0.1500



0.1900, 0.1957, 0.2243

Previews

White Background



This preview shows how the Yxy color 24.8130, 0.3801, 0.3788 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 24.8130, 0.3801, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

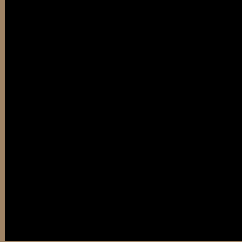
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8130, 0.3801, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 24.8130, 0.3801, 0.3788.



This preview shows how white text looks on a background with the Yxy color 24.8130, 0.3801, 0.3788.

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

24.8130, 0.3801, 0.3788

Protanopia

24.9816, 0.3596, 0.3864

Deuteranopia

24.7493, 0.3831, 0.3768



Tritanopia

24.7714, 0.3444, 0.3136

Trichromacy



Original Color

24.8130, 0.3801, 0.3788

Protanomaly

24.8666, 0.3676, 0.3837

Deuteranomaly

24.6458, 0.3819, 0.3771

Tritanomaly

24.8371, 0.3581, 0.3370

Monochromacy



Original Color

24.8130, 0.3801, 0.3788

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.8029, 0.3360, 0.3475

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8130, 0.3801, 0.3788 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(159, 132, 101)` looks like.

```
.text, #text, p{  
    color:rgb(159, 132, 101)  
}
```

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(159, 132, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 132, 101) }
```

Border

The CSS property to change the border of an element to Yxy 24.8130, 0.3801, 0.3788 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(159, 132, 101) }
```

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

```
.border{ border-color:rgb(159, 132, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 132, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 132, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 132, 101);  
box-shadow:4px 4px 4px 4px rgb(159, 132,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8130, 0.3801, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 132, 101) }
```

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

```
.background{ background-color: rgb(159,  
132, 101) }
```

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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