

Converting Colors

$Y_{xy}(22.4882, 0.3835, 0.3782)$

Have a look what the booklet for
Yxy(22.4882, 0.3835, 0.3782)
contains.

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Color

Yxy(22.3818, 0.3837, 0.3772)

Conversions

Conversions Part 1

Format	Color
Hex	9A7D60
RGB	154, 125, 96
RGB Percent	60%, 49%, 38%
CMY	0.3962, 0.5097, 0.6235
CMYK	0.00, 0.19, 0.38, 0.40
HSL	30°, 23%, 49%
HSV	30°, 38%, 60%
XYZ	22.7675, 22.3818, 14.1874
YIQ	130.3650, 26.5930, -2.8710

Conversions

Conversions Part 2

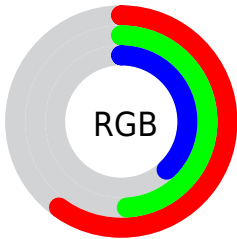
Format	Color
RYB	154, 154, 96
Decimal	10124640
CIELab	54.43, 6.95, 20.04
CIELCh	54, 21.207, 70.876
Yxy	22.3818, 0.3837, 0.3772
Android (android.graphics.Color)	4288314720 (0xFF9A7D60)
YUV	130.3650, -16.9419, 20.7279
Hunter-Lab	47.3094, 3.1110, 15.3364

Details

The Yxy color **22.3818, 0.3837, 0.3772** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.4767, 0.2539, 0.2750**, and the grayscale version is **22.5133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **47.5027, 0.3673, 0.3675**, and **8.2154, 0.4129, 0.3936** is the 20% darker color. If you saturate the color by 10%, you get **20.2535, 0.4079, 0.3899**, and if you desaturate by 10%, it is **24.7186, 0.3617, 0.3640**.

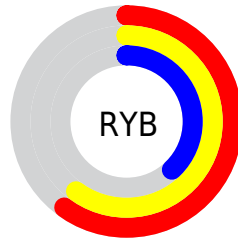
Distribution



Red (60%)

Green (49%)

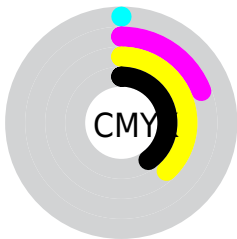
Blue (38%)



Red (60%)

Yellow (60%)

Blue (38%)

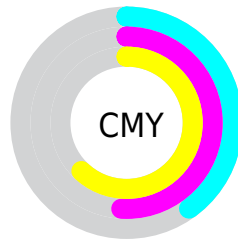


Cyan (0%)

Magenta (19%)

Yellow (38%)

Black (40%)



Cyan (40%)


Magenta (51%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 22.3818, 0.3837, 0.3772 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 22.3818, 0.3837, 0.3772 by changing the saturation by 10% instead.


 22.3818, 0.3837,
0.3772


 22.3818, 0.3837,
0.3772


264.5337, 0.3439,
0.3511


 14.1377, 0.3953,
0.3843


 47.3762, 0.3681,
0.3673


 8.2165, 0.4111,
0.3936


 64.8953, 0.3626,
0.3637

 4.2338, 0.4340,
0.4061

 86.2749, 0.3580,
0.3607

 1.8052, 0.4830,
0.4353

 111.8994, 0.3543,
0.3581

 0.4904, 0.5645,
0.4355

142.1531, 0.3511,
0.3560

 0.0000, 0.0000,
0.0000

177.4204, 0.3483,

0.3541

218.0858, 0.3459,
0.3525

■ 22.3818, 0.3837,
0.3772

■ 22.3818, 0.3837,
0.3772

■ 20.2535, 0.4079,
0.3899

■ 24.7186, 0.3617,
0.3640

■ 18.3239, 0.4340,
0.4013

■ 27.2670, 0.3420,
0.3509

■ 16.5869, 0.4609,
0.4102

■ 30.0340, 0.3246,
0.3382

■ 15.0349, 0.4874,
0.4154

■ 33.0254, 0.3093,
0.3263

■ 13.6592, 0.5119,
0.4160

■ 36.2465, 0.2960,
0.3151

■ 12.4478, 0.5335,
0.4117

■ 39.7026, 0.2843,
0.3048

■ 12.1829, 0.5385,
0.4106

■ 43.3988, 0.2742,
0.2954

■ 47.3400, 0.2653,
0.2867

■ 51.5309, 0.2575,
0.2788

Harmonies

Analogous

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



22.3818, 0.3871, 0.3490



22.3818, 0.3837, 0.3772



22.3818, 0.3607, 0.3949

Triad

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



22.3818, 0.3837, 0.3772



22.3818, 0.2587, 0.3369



22.3818, 0.2964, 0.2727

Complementary

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



22.3818, 0.3837, 0.3772



19.4767, 0.2539, 0.2750

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.



22.3818, 0.2644, 0.2674



22.3818, 0.3837, 0.3772



22.3818, 0.2437, 0.3017

Square

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



22.3818, 0.3837, 0.3772



22.3818, 0.2882, 0.3722



22.3818, 0.2457, 0.2771



22.3818, 0.3349, 0.2909

Rectangle

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



22.3818, 0.3837, 0.3772



22.3818, 0.3379, 0.3967



22.3818, 0.2457, 0.2771



22.3818, 0.2846, 0.2694

Sweetspot

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



22.3828, 0.3837, 0.3772



51.2575, 0.3305, 0.3426



16.7143, 0.3568, 0.2813



11.1856, 0.3326, 0.3442



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



22.3828, 0.3837, 0.3772



36.4146, 0.4035, 0.3877



30.8137, 0.3677, 0.4199



6.7078, 0.3272, 0.3402



10.0012, 0.5374, 0.4115



0.2222, 0.4780, 0.4587

Inverse Universe

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



19.4767, 0.2539, 0.2750



30.5415, 0.2409, 0.2607



13.1859, 0.2459, 0.2185



6.5105, 0.2989, 0.3176



6.2887, 0.1781, 0.1613



0.1667, 0.1991, 0.2368

Previews

White Background



This preview shows how the Yxy color 22.3818, 0.3837, 0.3772 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 22.3818, 0.3837, 0.3772 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

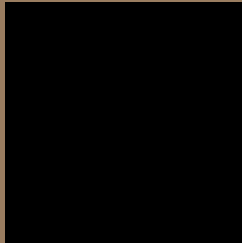
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 22.3818, 0.3837, 0.3772

Background



This preview shows how black text looks on a background with the Yxy color 22.3818, 0.3837, 0.3772.



This preview shows how white text looks on a background with the Yxy color 22.3818, 0.3837, 0.3772.

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

22.3818, 0.3837, 0.3772

Protanopia

22.4226, 0.3609, 0.3853

Deuteranopia

22.3818, 0.3837, 0.3772



Tritanopia

22.2127, 0.3473, 0.3130

Trichromacy



Original Color

22.3818, 0.3837, 0.3772

Protanomaly

22.3212, 0.3693, 0.3825

Deuteranomaly

22.3818, 0.3837, 0.3772

Tritanomaly

22.2950, 0.3605, 0.3357

Monochromacy



Original Color

22.3818, 0.3837, 0.3772

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

22.2353, 0.3372, 0.3465

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.3818, 0.3837, 0.3772 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(154, 125, 96)` looks like.

```
.text, #text, p{  
    color:rgb(154, 125, 96)  
}
```

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(154, 125, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 125, 96) }
```

Border

The CSS property to change the border of an element to Yxy 22.3818, 0.3837, 0.3772 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(154, 125, 96) }
```

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

```
.border{ border-color:rgb(154, 125, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 125, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 125, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 125, 96);  
box-shadow:4px 4px 4px 4px rgb(154, 125,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 22.3818, 0.3837, 0.3772 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 125, 96) }
```

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

```
.background{ background-color: rgb(154,  
125, 96) }
```

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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