

Converting Colors

$Y_{xy}(23.0607, 0.3873, 0.3806)$

Have a look what the booklet for
Yxy(23.0607, 0.3873, 0.3806)
contains.

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Color

Yxy(23.1731, 0.3876, 0.3812)

Conversions

Conversions Part 1

Format	Color
Hex	9D7F5F
RGB	157, 127, 95
RGB Percent	62%, 50%, 37%
CMY	0.3842, 0.5020, 0.6275
CMYK	0.00, 0.19, 0.40, 0.38
HSL	31°, 25%, 49%
HSV	31°, 40%, 62%
XYZ	23.5622, 23.1731, 14.0546
YIQ	132.3220, 28.1520, -3.5920

Conversions

Conversions Part 2

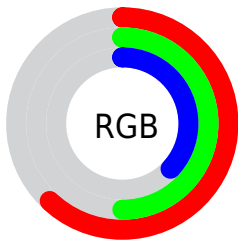
Format	Color
RYB	153, 157, 95
Decimal	10321759
CIELab	55.25, 6.98, 21.77
CIElCh	55, 22.861, 72.215
Yxy	23.1731, 0.3876, 0.3812
Android (android.graphics.Color)	4288511839 (0xFF9D7F5F)
YUV	132.3220, -18.3997, 21.6426
Hunter-Lab	48.1384, 3.1275, 16.3865

Details

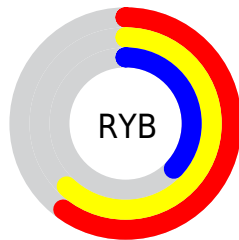
The Yxy color **23.1731, 0.3876, 0.3812** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **19.5379, 0.2506, 0.2699**, and the grayscale version is **23.2577, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8640, 0.3712, 0.3706**, and **8.6052, 0.4160, 0.3992** is the 20% darker color. If you saturate the color by 10%, you get **21.0273, 0.4119, 0.3941**, and if you desaturate by 10%, it is **25.5268, 0.3654, 0.3676**.

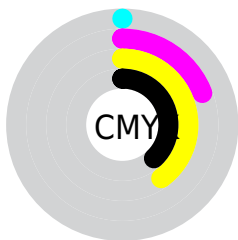
Distribution



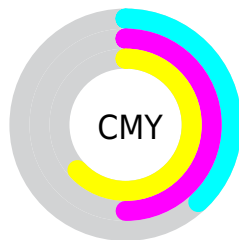
- Red (62%)
- Green (50%)
- Blue (37%)



- Red (60%)
- Yellow (62%)
- Blue (37%)



- Cyan (0%)
- Magenta (19%)
- Yellow (40%)
- Black (38%)





- Cyan (38%)
- Magenta (50%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1731, 0.3876, 0.3812 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 23.1731, 0.3876, 0.3812 by changing the saturation by 10% instead.


 23.1731, 0.3876,
0.3812


 23.1731, 0.3876,
0.3812


268.6128, 0.3458,
0.3531


 14.7214, 0.3995,
0.3887


 48.6774, 0.3713,
0.3706


 8.6241, 0.4158,
0.3985


 66.4988, 0.3655,
0.3667

 4.4968, 0.4389,
0.4114

 88.2121, 0.3608,
0.3635

 1.9552, 0.4877,
0.4409

 114.2019, 0.3568,
0.3608

 0.5812, 0.5543,
0.4457

144.8525, 0.3534,
0.3584

 0.0000, 0.0000,
0.0000

180.5482, 0.3506,

0.3564

221.6735, 0.3480,
0.3547

■ 23.1731, 0.3876,
0.3812

■ 23.1731, 0.3876,
0.3812

■ 21.0273, 0.4119,
0.3941

■ 25.5268, 0.3654,
0.3676

■ 19.0793, 0.4376,
0.4054

■ 28.0914, 0.3454,
0.3540

■ 17.3230, 0.4639,
0.4141


■ 30.8740, 0.3276,
0.3409


■ 15.7506, 0.4895,
0.4188

■ 33.8803, 0.3120,
0.3284

■ 14.3534, 0.5127,
0.4187

■ 37.1158, 0.2983,
0.3167

 13.1160, 0.5332,
0.4142

 40.5858, 0.2863,
0.3059

 13.0582, 0.5343,
0.4140

 44.2953, 0.2758,
0.2960

 48.2492, 0.2667,
0.2869

 52.4523, 0.2586,
0.2786

Harmonies

Analogous

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



23.1731, 0.3923, 0.3514



23.1731, 0.3876, 0.3812



23.1731, 0.3621, 0.3996

Triad

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



23.1731, 0.3876, 0.3812



23.1731, 0.2542, 0.3355



23.1731, 0.2970, 0.2700

Complementary

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



23.1731, 0.3876, 0.3812



19.5379, 0.2506, 0.2699

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.



23.1731, 0.2626, 0.2636



23.1731, 0.3876, 0.3812



23.1731, 0.2392, 0.2983

Square

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



23.1731, 0.3876, 0.3812



23.1731, 0.2849, 0.3737



23.1731, 0.2422, 0.2730



23.1731, 0.3381, 0.2896

Rectangle

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



23.1731, 0.3876, 0.3812



23.1731, 0.3376, 0.4011



23.1731, 0.2422, 0.2730



23.1731, 0.2844, 0.2662

Sweetspot

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



23.1742, 0.3876, 0.3812



53.8790, 0.3322, 0.3444



16.8592, 0.3599, 0.2788



11.7251, 0.3343, 0.3459



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.



23.1742, 0.3876, 0.3812



38.2378, 0.4079, 0.3921



32.1172, 0.3703, 0.4243



7.1838, 0.3272, 0.3406



10.6772, 0.5331, 0.4149



0.2755, 0.4785, 0.4583

Inverse Universe

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



19.5379, 0.2506, 0.2699



30.8408, 0.2372, 0.2546



13.0498, 0.2419, 0.2119



6.9386, 0.2988, 0.3172



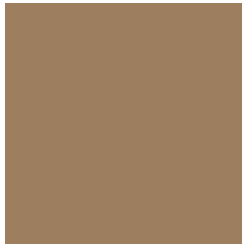
6.2477, 0.1767, 0.1559



0.1961, 0.1969, 0.2288

Previews

White Background



This preview shows how the Yxy color 23.1731, 0.3876, 0.3812 looks on a white background.

Color Contrast Check

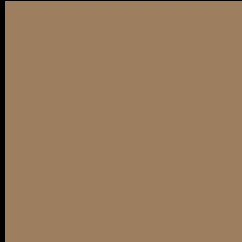
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.1731, 0.3876, 0.3812 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 23.1731, 0.3876, 0.3812

Background



This preview shows how black text looks on a background with the Yxy color 23.1731, 0.3876, 0.3812.



This preview shows how white text looks on a background with the Yxy color 23.1731, 0.3876, 0.3812.

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

23.1731, 0.3876, 0.3812

Protanopia

23.1164, 0.3636, 0.3897

Deuteranopia

23.1731, 0.3876, 0.3812



Tritanopia

23.1621, 0.3493, 0.3133

Trichromacy



Original Color

23.1731, 0.3876, 0.3812

Protanomaly

23.0128, 0.3720, 0.3869

Deuteranomaly

23.1731, 0.3876, 0.3812

Tritanomaly

23.2208, 0.3635, 0.3372

Monochromacy



Original Color

23.1731, 0.3876, 0.3812

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.9599, 0.3380, 0.3481

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1731, 0.3876, 0.3812 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, 127, 95)` looks like.

```
.text, #text, p{  
    color:rgb(157, 127, 95)  
}
```

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, 127, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 127, 95) }
```

Border

The CSS property to change the border of an element to Yxy 23.1731, 0.3876, 0.3812 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, 127, 95) }
```

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

```
.border{ border-color:rgb(157, 127, 95) }
```

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

Here you see how a box with a 4 pixel rgb(157, 127, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 127, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 127, 95);  
box-shadow:4px 4px 4px 4px rgb(157, 127,  
95) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1731, 0.3876, 0.3812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 127, 95) }
```

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

```
.background{ background-color: rgb(157,  
127, 95) }
```

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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