

Converting Colors

$Y_{xy}(23.1140, 0.3818, 0.3689)$

Have a look what the booklet for
Yxy(23.1140, 0.3818, 0.3689)
contains.

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Color

Yxy(23.1304, 0.3822, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	9E7E65
RGB	158, 126, 101
RGB Percent	62%, 49%, 40%
CMY	0.3804, 0.5059, 0.6038
CMYK	0.00, 0.20, 0.36, 0.38
HSL	26°, 23%, 51%
HSV	26°, 36%, 62%
XYZ	23.9125, 23.1304, 15.5225
YIQ	132.7180, 27.0970, -0.9910

Conversions

Conversions Part 2

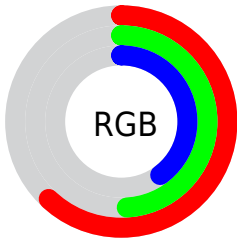
Format	Color
R_{YB}	158, 146, 101
Decimal	10387045
CIE _{Lab}	55.21, 8.72, 18.29
CIE _{LCh}	55, 20.263, 64.509
Yxy	23.1304, 0.3822, 0.3697
Android (android.graphics.Color)	4288577125 (0xFF9E7E65)
YUV	132.7180, -15.6370, 22.1723
Hunter-Lab	48.0941, 4.5859, 14.5299

Details

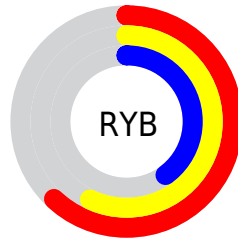
The Yxy color **23.1304, 0.3822, 0.3697** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **22.0215, 0.2572, 0.2841**, and the grayscale version is **23.3995, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.8033, 0.3672, 0.3619**, and **8.5774, 0.4085, 0.3832** is the 20% darker color. If you saturate the color by 10%, you get **20.6807, 0.4077, 0.3810**, and if you desaturate by 10%, it is **25.8432, 0.3595, 0.3580**.

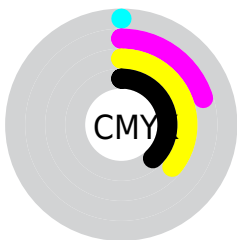
Distribution



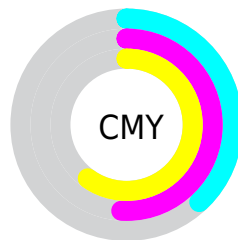
- Red (62%)
- Green (49%)
- Blue (40%)



- Red (62%)
- Yellow (57%)
- Blue (40%)



- Cyan (0%)
- Magenta (20%)
- Yellow (36%)
- Black (38%)




- Cyan (38%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.1304, 0.3822, 0.3697 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 23.1304, 0.3822, 0.3697 by changing the saturation by 10% instead.


 23.1304, 0.3822,
0.3697


 23.1304, 0.3822,
0.3697


268.3940, 0.3433,
0.3479


 14.6898, 0.3935,
0.3755


 48.6074, 0.3669,
0.3615


 8.6020, 0.4090,
0.3831


 66.4125, 0.3616,
0.3585

 4.4825, 0.4315,
0.3932

 88.1080, 0.3571,
0.3560

 1.9470, 0.4718,
0.4111

 114.0782, 0.3534,
0.3538

 0.5764, 0.5689,
0.4311

144.7075, 0.3503,
0.3520

 0.0000, 0.0000,
0.0000

180.3803, 0.3476,

0.3505

221.4810, 0.3453,
0.3491

■ 23.1304, 0.3822,
0.3697

■ 23.1304, 0.3822,
0.3697

■ 20.6807, 0.4077,
0.3810

■ 25.8432, 0.3595,
0.3580

■ 18.4823, 0.4356,
0.3912

■ 28.8241, 0.3395,
0.3464

■ 16.5270, 0.4651,
0.3992


■ 32.0820, 0.3221,
0.3354

■ 14.8050, 0.4949,
0.4037


■ 35.6241, 0.3070,
0.3250

■ 13.3054, 0.5229,
0.4037

■ 39.4578, 0.2940,
0.3154

 12.0151, 0.5474,
0.3986

 43.5897, 0.2828,
0.3065

 11.5570, 0.5568,
0.3961

 48.0266, 0.2730,
0.2983

 52.7747, 0.2646,
0.2909

 57.8404, 0.2572,
0.2841

Harmonies

Analogous

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



23.1304, 0.3809, 0.3419



23.1304, 0.3822, 0.3697



23.1304, 0.3640, 0.3890

Triad

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



23.1304, 0.3822, 0.3697



23.1304, 0.2666, 0.3440



23.1304, 0.2901, 0.2734

Complementary

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



23.1304, 0.3822, 0.3697



22.0215, 0.2572, 0.2841

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.



23.1304, 0.2620, 0.2714



23.1304, 0.3822, 0.3697



23.1304, 0.2490, 0.3099

Square

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



23.1304, 0.3822, 0.3697



23.1304, 0.2968, 0.3755



23.1304, 0.2474, 0.2838



23.1304, 0.3260, 0.2883

Rectangle

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



23.1304, 0.3822, 0.3697



23.1304, 0.3439, 0.3933



23.1304, 0.2474, 0.2838



23.1304, 0.2795, 0.2712

Sweetspot

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



23.1315, 0.3822, 0.3697



55.1431, 0.3308, 0.3410



18.2844, 0.3491, 0.2774



12.2644, 0.3330, 0.3424



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.



23.1315, 0.3822, 0.3697



38.5011, 0.4018, 0.3786



31.3902, 0.3674, 0.4112



7.1006, 0.3274, 0.3388



9.3310, 0.5554, 0.3972



0.2497, 0.4922, 0.4474

Inverse Universe

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



22.0215, 0.2572, 0.2841



36.1827, 0.2454, 0.2725



15.3045, 0.2500, 0.2308



7.0223, 0.2988, 0.3190



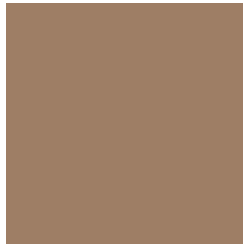
7.7460, 0.1839, 0.1820



0.2219, 0.2018, 0.2466

Previews

White Background



This preview shows how the Yxy color 23.1304, 0.3822, 0.3697 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 23.1304, 0.3822, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

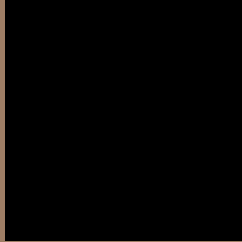
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.1304, 0.3822, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 23.1304, 0.3822, 0.3697.



This preview shows how white text looks on a background with the Yxy color 23.1304, 0.3822, 0.3697.

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

23.1304, 0.3822, 0.3697

Protanopia

23.1647, 0.3544, 0.3778

Deuteranopia

23.1862, 0.3791, 0.3717



Tritanopia

23.1348, 0.3505, 0.3149

Trichromacy



Original Color

23.1304, 0.3822, 0.3697

Protanomaly

23.1476, 0.3639, 0.3750

Deuteranomaly

23.2864, 0.3804, 0.3715

Tritanomaly

22.9956, 0.3626, 0.3340

Monochromacy



Original Color

23.1304, 0.3822, 0.3697

Achromatopsia

23.4551, 0.3127, 0.3290

Achromatomaly

23.0965, 0.3369, 0.3445

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.1304, 0.3822, 0.3697 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(158, 126, 101)` looks like.

```
.text, #text, p{  
    color:rgb(158, 126, 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(158, 126, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 126, 101) }
```

Border

The CSS property to change the border of an element to Yxy 23.1304, 0.3822, 0.3697 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(158, 126, 101) }
```

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

```
.border{ border-color:rgb(158, 126, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(158, 126, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 126, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 126, 101);  
box-shadow:4px 4px 4px 4px rgb(158, 126,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 23.1304, 0.3822, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 126, 101) }
```

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

```
.background{ background-color: rgb(158,  
126, 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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