

Converting Colors

$Yxy(23.4767, 0.3983, 0.3626)$

Have a look what the booklet for
Yxy(23.4767, 0.3983, 0.3626)
contains.

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Color

Yxy(23.5405, 0.3979, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	A97B65
RGB	169, 123, 101
RGB Percent	66%, 48%, 40%
CMY	0.3372, 0.5177, 0.6039
CMYK	0.00, 0.27, 0.40, 0.34
HSL	19°, 28%, 53%
HSV	19°, 40%, 66%
XYZ	25.7967, 23.5405, 15.4948
YIQ	134.2460, 34.4780, 2.9100

Conversions

Conversions Part 2

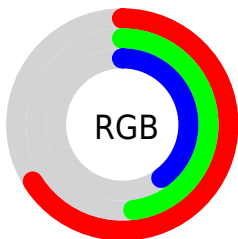
Format	Color
R_{YB}	169, 134, 101
Decimal	11107173
CIE _{Lab}	55.62, 15.00, 19.07
CIE _{LCh}	56, 24.265, 51.819
Yxy	23.5405, 0.3979, 0.3631
Android (android.graphics.Color)	4289297253 (0xFFA97B65)
YUV	134.2460, -16.3903, 30.4793
Hunter-Lab	48.5186, 9.9986, 15.0282

Details

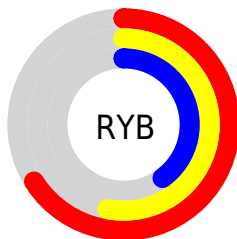
The Yxy color **23.5405, 0.3979, 0.3631** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.5043, 0.2526, 0.2915**, and the grayscale version is **23.9881, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.4864, 0.3794, 0.3572**, and **8.8087, 0.4307, 0.3725** is the 20% darker color. If you saturate the color by 10%, you get **20.5704, 0.4280, 0.3712**, and if you desaturate by 10%, it is **26.9124, 0.3715, 0.3544**.

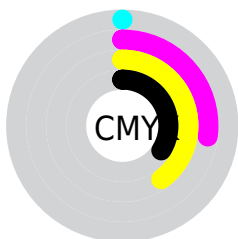
Distribution



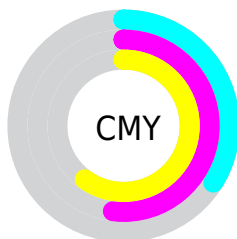
- Red (66%)
- Green (48%)
- Blue (40%)



- Red (66%)
- Yellow (53%)
- Blue (40%)



- Cyan (0%)
- Magenta (27%)
- Yellow (40%)
- Black (34%)





- Cyan (34%)
- Magenta (52%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5405, 0.3979, 0.3631 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 23.5405, 0.3979, 0.3631 by changing the saturation by 10% instead.


 23.5405, 0.3979,
0.3631


 23.5405, 0.3979,
0.3631


270.4891, 0.3502,
0.3456


 14.9931, 0.4117,
0.3674


 49.2793, 0.3792,
0.3568


 8.8146, 0.4307,
0.3726


 67.2395, 0.3726,
0.3544

 4.6204, 0.4580,
0.3787

 89.1062, 0.3672,
0.3523

 2.0263, 0.5056,
0.3889

 115.2636, 0.3627,
0.3506

 0.6227, 0.6074,
0.3926

146.0962, 0.3588,
0.3491

 0.0000, 0.0000,
0.0000

181.9884, 0.3555,

0.3478

223.3245, 0.3527,
0.3466

■ 23.5405, 0.3979,
0.3631

■ 23.5405, 0.3979,
0.3631

■ 20.5704, 0.4280,
0.3712

■ 26.9124, 0.3715,
0.3544

■ 17.9832, 0.4613,
0.3779

■ 30.6974, 0.3488,
0.3456

■ 15.7633, 0.4966,
0.3819


■ 34.9104, 0.3295,
0.3372


■ 13.8927, 0.5316,
0.3823

■ 39.5648, 0.3131,
0.3292

■ 12.3515, 0.5631,
0.3780

■ 44.6731, 0.2992,
0.3218

 11.1378, 0.5892,
0.3704

 50.2474, 0.2874,
0.3150

 56.2994, 0.2774,
0.3088

 62.8403, 0.2688,
0.3032

 69.8808, 0.2614,
0.2981

Harmonies

Analogous

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



23.5405, 0.3860, 0.3288



23.5405, 0.3979, 0.3631



23.5405, 0.3851, 0.3919

Triad

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



23.5405, 0.3979, 0.3631



23.5405, 0.2715, 0.3642



23.5405, 0.2701, 0.2607

Complementary

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



23.5405, 0.3979, 0.3631



26.5043, 0.2526, 0.2915

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.



23.5405, 0.2434, 0.2649



23.5405, 0.3979, 0.3631



23.5405, 0.2441, 0.3223

Square

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



23.5405, 0.3979, 0.3631



23.5405, 0.3111, 0.3963



23.5405, 0.2343, 0.2862



23.5405, 0.3097, 0.2722

Rectangle

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



23.5405, 0.3979, 0.3631



23.5405, 0.3652, 0.4034



23.5405, 0.2343, 0.2862



23.5405, 0.2595, 0.2602

Sweetspot

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



23.5416, 0.3979, 0.3631



60.9610, 0.3331, 0.3388



19.8652, 0.3444, 0.2599



13.0799, 0.3353, 0.3398



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



23.5416, 0.3979, 0.3631



37.5281, 0.4236, 0.3702



33.3373, 0.3782, 0.4108



7.9238, 0.3278, 0.3364



8.3872, 0.5873, 0.3719



0.2962, 0.5245, 0.4218

Inverse Universe

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



26.5043, 0.2526, 0.2915



43.5141, 0.2408, 0.2819



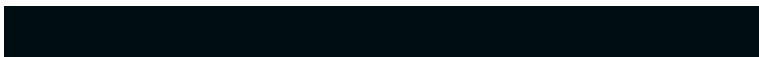
17.5464, 0.2433, 0.2309



8.1168, 0.2987, 0.3215



11.2614, 0.1949, 0.2217



0.3607, 0.2059, 0.2613

Previews

White Background



This preview shows how the Yxy color 23.5405, 0.3979, 0.3631 looks on a white background.

Color Contrast Check

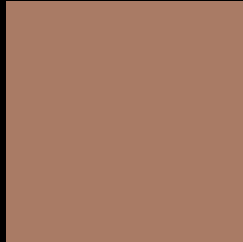
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5405, 0.3979, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

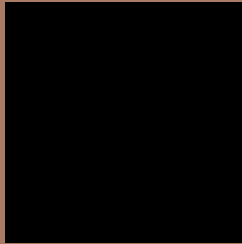
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5405, 0.3979, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 23.5405, 0.3979, 0.3631.



This preview shows how white text looks on a background with the Yxy color 23.5405, 0.3979, 0.3631.

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

23.5405, 0.3979, 0.3631

Protanopia

23.5664, 0.3530, 0.3757

Deuteranopia

23.5265, 0.3810, 0.3747



Tritanopia

23.5228, 0.3690, 0.3156

Trichromacy



Original Color

23.5405, 0.3979, 0.3631

Protanomaly

23.3754, 0.3695, 0.3707

Deuteranomaly

23.4189, 0.3872, 0.3708

Tritanomaly

23.3989, 0.3803, 0.3323

Monochromacy



Original Color

23.5405, 0.3979, 0.3631

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.5734, 0.3419, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5405, 0.3979, 0.3631 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(169, 123, 101)` looks like.

```
.text, #text, p{  
    color:rgb(169, 123, 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(169, 123, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 123, 101) }
```

Border

The CSS property to change the border of an element to Yxy 23.5405, 0.3979, 0.3631 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(169, 123, 101) }
```

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

```
.border{ border-color:rgb(169, 123, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 123, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 123, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 123, 101);  
box-shadow:4px 4px 4px 4px rgb(169, 123,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5405, 0.3979, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 123, 101) }
```

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

```
.background{ background-color: rgb(169,  
123, 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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