

Converting Colors

$Y_{xy}(23.8428, 0.3965, 0.3637)$

Have a look what the booklet for
Yxy(23.8428, 0.3965, 0.3637)
contains.

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Color

Yxy(23.8096, 0.3960, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	A97C66
RGB	169, 124, 102
RGB Percent	66%, 49%, 40%
CMY	0.3373, 0.5137, 0.6000
CMYK	0.00, 0.27, 0.40, 0.34
HSL	20°, 28%, 53%
HSV	20°, 40%, 66%
XYZ	25.9670, 23.8096, 15.7966
YIQ	134.9470, 33.8820, 2.6980

Conversions

Conversions Part 2

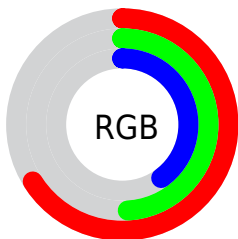
Format	Color
R_{YB}	169, 135, 102
Decimal	11107430
CIE _{Lab}	55.90, 14.54, 18.87
CIE _{LCh}	56, 23.820, 52.387
Yxy	23.8096, 0.3960, 0.3631
Android (android.graphics.Color)	4289297510 (0xFFA97C66)
YUV	134.9470, -16.2429, 29.8645
Hunter-Lab	48.7951, 9.5998, 14.9624

Details

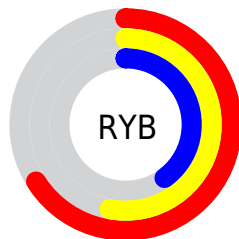
The Yxy color **23.8096, 0.3960, 0.3631** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.5514, 0.2534, 0.2916**, and the grayscale version is **24.2602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9129, 0.3781, 0.3572**, and **8.9528, 0.4276, 0.3726** is the 20% darker color. If you saturate the color by 10%, you get **20.8263, 0.4257, 0.3714**, and if you desaturate by 10%, it is **27.1909, 0.3700, 0.3542**.

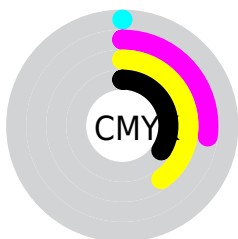
Distribution



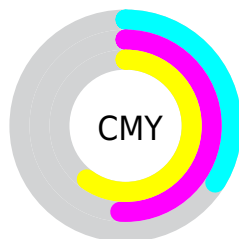
- Red (66%)
- Green (49%)
- Blue (40%)



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



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





- Cyan (34%)
- Magenta (51%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.8096, 0.3960, 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 23.8096, 0.3960, 0.3631 by changing the saturation by 10% instead.


 23.8096, 0.3960,
0.3631


 23.8096, 0.3960,
0.3631


271.8565, 0.3494,
0.3456


 15.1924, 0.4095,
0.3674


 49.7193, 0.3778,
0.3567


 8.9546, 0.4279,
0.3727


 67.7807, 0.3713,
0.3543

 4.7116, 0.4545,
0.3791

 89.7589, 0.3660,
0.3523

 2.0790, 0.4996,
0.3888

 116.0383, 0.3616,
0.3505

 0.6528, 0.6008,
0.3992

147.0034, 0.3579,
0.3490

 0.0000, 0.0000,
0.0000

183.0385, 0.3547,

0.3477

224.5281, 0.3519,
0.3466

■ 23.8096, 0.3960,
0.3631

■ 23.8096, 0.3960,
0.3631

■ 20.8263, 0.4257,
0.3714

■ 27.1909, 0.3700,
0.3542

■ 18.2222, 0.4587,
0.3783

■ 30.9811, 0.3475,
0.3453

■ 15.9824, 0.4937,
0.3827


■ 35.1950, 0.3284,
0.3368

■ 14.0890, 0.5285,
0.3834


■ 39.8454, 0.3122,
0.3287

■ 12.5228, 0.5602,
0.3794

■ 44.9447, 0.2984,
0.3213

 11.2565, 0.5869,
0.3717

 50.5048, 0.2867,
0.3144

 11.2162, 0.5879,
0.3714

 56.5372, 0.2768,
0.3082

 63.0528, 0.2683,
0.3025

 70.0622, 0.2609,
0.2973

Harmonies

Analogous

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



23.8096, 0.3848, 0.3295



23.8096, 0.3960, 0.3631



23.8096, 0.3831, 0.3910

Triad

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



23.8096, 0.3960, 0.3631



23.8096, 0.2718, 0.3627



23.8096, 0.2717, 0.2621

Complementary

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



23.8096, 0.3960, 0.3631



26.5514, 0.2534, 0.2916

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.



23.8096, 0.2452, 0.2660



23.8096, 0.3960, 0.3631



23.8096, 0.2452, 0.3218

Square

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



23.8096, 0.3960, 0.3631



23.8096, 0.3104, 0.3943



23.8096, 0.2359, 0.2867



23.8096, 0.3106, 0.2737

Rectangle

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



23.8096, 0.3960, 0.3631



23.8096, 0.3635, 0.4020



23.8096, 0.2359, 0.2867



23.8096, 0.2612, 0.2616

Sweetspot

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



23.8107, 0.3960, 0.3631



61.0236, 0.3330, 0.3389



20.0677, 0.3438, 0.2609



13.0948, 0.3353, 0.3400



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.



23.8107, 0.3960, 0.3631



37.6965, 0.4233, 0.3708



33.4099, 0.3772, 0.4096



7.9299, 0.3278, 0.3365



8.4490, 0.5860, 0.3729



0.2984, 0.5233, 0.4227

Inverse Universe

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



26.5514, 0.2534, 0.2916



43.2903, 0.2407, 0.2811



17.7869, 0.2444, 0.2326



8.1104, 0.2987, 0.3214



11.1177, 0.1944, 0.2199



0.3580, 0.2056, 0.2602

Previews

White Background



This preview shows how the Yxy color 23.8096, 0.3960, 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 23.8096, 0.3960, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

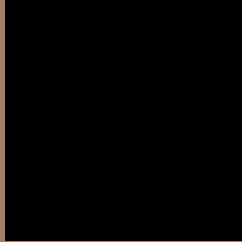
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8096, 0.3960, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 23.8096, 0.3960, 0.3631.



This preview shows how white text looks on a background with the Yxy color 23.8096, 0.3960, 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

23.8096, 0.3960, 0.3631

Protanopia

23.9514, 0.3527, 0.3754

Deuteranopia

23.9092, 0.3805, 0.3744



Tritanopia

23.7886, 0.3674, 0.3156

Trichromacy



Original Color

23.8096, 0.3960, 0.3631

Protanomaly

23.6606, 0.3678, 0.3706

Deuteranomaly

23.7997, 0.3867, 0.3705

Tritanomaly

23.6646, 0.3785, 0.3322

Monochromacy



Original Color

23.8096, 0.3960, 0.3631

Achromatopsia

24.2281, 0.3127, 0.3290

Achromatomaly

23.8657, 0.3404, 0.3425

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8096, 0.3960, 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, 124, 102)` looks like.

```
.text, #text, p{  
    color:rgb(169, 124, 102)  
}
```

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, 124, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 124, 102) }
```

Border

The CSS property to change the border of an element to Yxy 23.8096, 0.3960, 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, 124, 102) }
```

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

```
.border{ border-color:rgb(169, 124, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 124, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 124, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 124, 102);  
box-shadow:4px 4px 4px 4px rgb(169, 124,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8096, 0.3960, 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, 124, 102) }
```

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

```
.background{ background-color: rgb(169,  
124, 102) }
```

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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