

Converting Colors

$Y_{xy}(23.7070, 0.3874, 0.3383)$

Have a look what the booklet for
Yxy(23.7070, 0.3874, 0.3383)
contains.

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Color

Yxy(23.7968, 0.3862, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	AD7973
RGB	173, 121, 115
RGB Percent	68%, 47%, 45%
CMY	0.3215, 0.5255, 0.5490
CMYK	0.00, 0.30, 0.34, 0.32
HSL	6°, 26%, 56%
HSV	6°, 34%, 68%
XYZ	27.1662, 23.7968, 19.3793
YIQ	135.8640, 32.9180, 9.1580

Conversions

Conversions Part 2

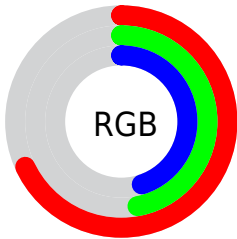
Format	Color
R _Y B	173, 122, 115
Decimal	11368819
CIE Lab	55.88, 19.51, 11.44
CIE LCh	56, 22.618, 30.375
Yxy	23.7968, 0.3862, 0.3383
Android (android.graphics.Color)	4289558899 (0xFFAD7973)
YUV	135.8640, -10.2860, 32.5683
Hunter-Lab	48.7820, 14.0365, 10.5936

Details

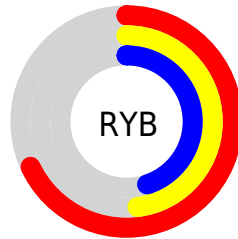
The Yxy color **23.7968, 0.3862, 0.3383** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **34.2989, 0.2647, 0.3194**, and the grayscale version is **24.5976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.8851, 0.3701, 0.3372**, and **8.9619, 0.4149, 0.3399** is the 20% darker color. If you saturate the color by 10%, you get **19.9649, 0.4190, 0.3411**, and if you desaturate by 10%, it is **28.3117, 0.3589, 0.3354**.

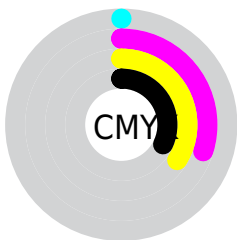
Distribution



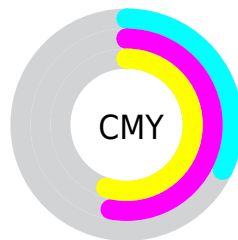
- Red (68%)
- Green (47%)
- Blue (45%)



- Red (68%)
- Yellow (48%)
- Blue (45%)



- Cyan (0%)
- Magenta (30%)
- Yellow (34%)
- Black (32%)




- Cyan (32%)
- Magenta (53%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.7968, 0.3862, 0.3383 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 23.7968, 0.3862, 0.3383 by changing the saturation by 10% instead.


 23.7968, 0.3862,
0.3383


 23.7968, 0.3862,
0.3383


271.7916, 0.3450,
0.3341


 15.1830, 0.3983,
0.3390


 49.6984, 0.3700,
0.3370

 8.9479, 0.4150,
0.3397


 67.7550, 0.3643,
0.3364

 4.7072, 0.4395,
0.3399


 89.7279, 0.3596,
0.3359

 2.0765, 0.4788,
0.3383

116.0015, 0.3557,
0.3355

 0.6514, 0.6326,
0.3674

146.9603, 0.3524,
0.3351

 0.0000, 1.0000,
0.0000

182.9887, 0.3496,

 0.0000, 0.0000,


0.3347


0.0000

224.4709, 0.3471,
0.3344


 23.7968, 0.3862,
0.3383


 23.7968, 0.3862,
0.3383


 19.9649, 0.4190,
0.3411


 28.3117, 0.3589,
0.3354

 16.7796, 0.4575,
0.3434

 33.5371, 0.3365,
0.3326

 14.2061, 0.5005,
0.3449


 39.5030, 0.3183,
0.3299


 12.2050, 0.5449,
0.3448


 46.2368, 0.3034,
0.3274

 10.7323, 0.5857,
0.3429


 53.7645, 0.2913,
0.3252


 9.7376, 0.6167,
0.3391

 62.1107, 0.2813,
0.3232

 9.3148, 0.6313,
0.3370

 71.2991, 0.2730,
0.3214

 81.3525, 0.2661,
0.3197

 87.6249, 0.2666,
0.3289

Harmonies

Analogous

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



23.7968, 0.3603, 0.3068



23.7968, 0.3862, 0.3383



23.7968, 0.3907, 0.3696

Triad

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



23.7968, 0.3862, 0.3383



23.7968, 0.3002, 0.3845



23.7968, 0.2537, 0.2665

Complementary

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



23.7968, 0.3862, 0.3383



34.2989, 0.2647, 0.3194

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.



23.7968, 0.2401, 0.2821



23.7968, 0.3862, 0.3383



23.7968, 0.2657, 0.3509

Square

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



23.7968, 0.3862, 0.3383



23.7968, 0.3396, 0.3999



23.7968, 0.2443, 0.3124



23.7968, 0.2827, 0.2668

Rectangle

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



23.7968, 0.3862, 0.3383



23.7968, 0.3811, 0.3867



23.7968, 0.2443, 0.3124



23.7968, 0.2473, 0.2699

Sweetspot

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



23.7979, 0.3862, 0.3383



63.4944, 0.3300, 0.3316



23.9429, 0.3230, 0.2548



13.4930, 0.3326, 0.3320



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



23.7979, 0.3862, 0.3383



37.5772, 0.4091, 0.3403



31.8721, 0.3724, 0.3803



8.1439, 0.3284, 0.3314



6.8851, 0.6301, 0.3379



0.2332, 0.5941, 0.3665

Inverse Universe

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



34.2989, 0.2647, 0.3194



59.1790, 0.2559, 0.3170



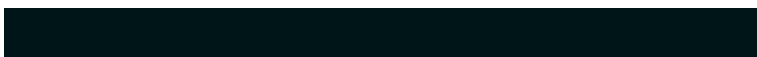
24.8961, 0.2587, 0.2714



8.9282, 0.2986, 0.3266



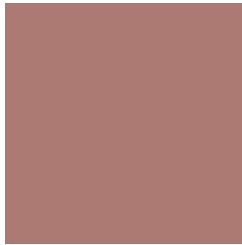
19.5083, 0.2157, 0.2967



0.5824, 0.2187, 0.3073

Previews

White Background



This preview shows how the Yxy color 23.7968, 0.3862, 0.3383 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 23.7968, 0.3862, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

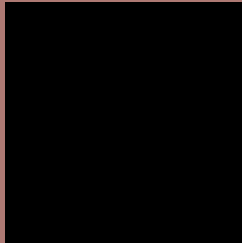
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.7968, 0.3862, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 23.7968, 0.3862, 0.3383.



This preview shows how white text looks on a background with the Yxy color 23.7968, 0.3862, 0.3383.

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

23.7968, 0.3862, 0.3383

Protanopia

24.0308, 0.3325, 0.3496

Deuteranopia

23.8613, 0.3626, 0.3553



Tritanopia

23.7508, 0.3715, 0.3157

Trichromacy



Original Color

23.7968, 0.3862, 0.3383

Protanomaly

23.7078, 0.3518, 0.3456

Deuteranomaly

23.8180, 0.3714, 0.3482

Tritanomaly

23.8617, 0.3776, 0.3247

Monochromacy



Original Color

23.7968, 0.3862, 0.3383

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.1807, 0.3372, 0.3340

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.7968, 0.3862, 0.3383 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(173, 121, 115)` looks like.

```
.text, #text, p{  
    color:rgb(173, 121, 115)  
}
```

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(173, 121, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 121, 115) }
```

Border

The CSS property to change the border of an element to Yxy 23.7968, 0.3862, 0.3383 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(173, 121, 115) }
```

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

```
.border{ border-color:rgb(173, 121, 115) }
```

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

Here you see how a box with a 4 pixel rgb(173, 121, 115) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 121, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 121, 115);  
box-shadow:4px 4px 4px 4px rgb(173, 121,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 23.7968, 0.3862, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 121, 115) }
```

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

```
.background{ background-color: rgb(173,  
121, 115) }
```

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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