

Converting Colors

$Y_{xy}(23.5070, 0.3680, 0.3220)$

Have a look what the booklet for
Yxy(23.5070, 0.3680, 0.3220)
contains.

Yxy(23.5904, 0.3684, 0.3230)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(23.5904, 0.3684, 0.3230)

Conversions

Conversions Part 1

Format	Color
Hex	A9797D
RGB	169, 121, 125
RGB Percent	66%, 47%, 49%
CMY	0.3371, 0.5255, 0.5098
CMYK	0.00, 0.28, 0.26, 0.34
HSL	355°, 22%, 57%
HSV	355°, 28%, 66%
XYZ	26.9062, 23.5904, 22.5387
YIQ	135.8080, 27.3240, 11.4200

Conversions

Conversions Part 2

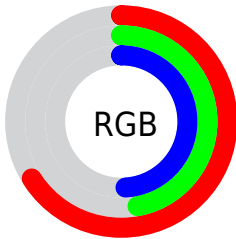
Format	Color
R_{YB}	169, 121, 125
Decimal	11106685
CIE _{Lab}	55.68, 19.36, 5.27
CIE _{LCh}	56, 20.062, 15.226
Yxy	23.5904, 0.3684, 0.3230
Android (android.graphics.Color)	4289296765 (0xFFA9797D)
YUV	135.8080, -5.3283, 29.1094
Hunter-Lab	48.5699, 13.8859, 6.4857

Details

The Yxy color **23.5904, 0.3684, 0.3230** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.1686, 0.2752, 0.3352**, and the grayscale version is **24.5587, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.4940, 0.3555, 0.3245**, and **8.8695, 0.3912, 0.3205** is the 20% darker color. If you saturate the color by 10%, you get **19.4718, 0.3974, 0.3208**, and if you desaturate by 10%, it is **28.4928, 0.3448, 0.3252**.

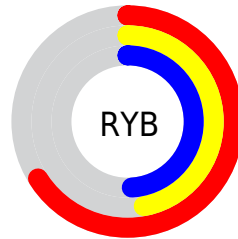
Distribution



Red (66%)

Green (47%)

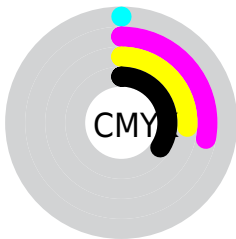
Blue (49%)



Red (66%)

Yellow (47%)

Blue (49%)

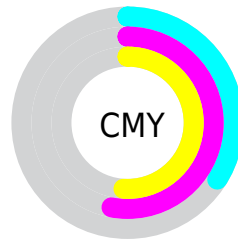


Cyan (0%)

Magenta (28%)

Yellow (26%)

Black (34%)



Cyan (34%)


Magenta (53%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.5904, 0.3684, 0.3230 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 23.5904, 0.3684, 0.3230 by changing the saturation by 10% instead.


 23.5904, 0.3684,
0.3230

 23.5904, 0.3684,
0.3230

270.7431, 0.3372,
0.3268


 15.0301, 0.3775,
0.3217


 49.3610, 0.3561,
0.3246

 8.8405, 0.3903,
0.3198

 67.3400, 0.3518,
0.3251

 4.6373, 0.4091,
0.3166

 89.2273, 0.3483,
0.3256

 2.0361, 0.4397,
0.3108

115.4074, 0.3453,
0.3259

 0.6283, 0.5361,
0.3088

146.2646, 0.3428,
0.3262

 0.0000, 1.0000,
0.0000

182.1834, 0.3407,

 0.0000, 0.0000,

0.3264

0.0000

223.5481, 0.3388,
0.3266

■ 23.5904, 0.3684,
0.3230

■ 23.5904, 0.3684,
0.3230

■ 19.4718, 0.3974,
0.3208

■ 28.4928, 0.3448,
0.3252

■ 16.0932, 0.4323,
0.3189

■ 34.2131, 0.3258,
0.3273

■ 13.4117, 0.4729,
0.3176


■ 40.7875, 0.3105,
0.3293

■ 11.3785, 0.5175,
0.3173


■ 48.2491, 0.2982,
0.3311

■ 9.9388, 0.5618,
0.3184


■ 56.6291, 0.2882,
0.3328

 9.0283, 0.5999,
0.3210

 65.9573, 0.2800,
0.3343

 8.5354, 0.6267,
0.3243

 76.2621, 0.2733,
0.3356

 8.4704, 0.6300,
0.3244

 86.7934, 0.2676,
0.3355

 87.1784, 0.2647,
0.3289

Harmonies

Analogous

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



23.5904, 0.3385, 0.2967



23.5904, 0.3684, 0.3230



23.5904, 0.3826, 0.3520

Triad

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



23.5904, 0.3684, 0.3230



23.5904, 0.3196, 0.3874



23.5904, 0.2518, 0.2785

Complementary

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



23.5904, 0.3684, 0.3230



35.1686, 0.2752, 0.3352

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.



23.5904, 0.2476, 0.2997



23.5904, 0.3684, 0.3230



23.5904, 0.2854, 0.3648

Square

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



23.5904, 0.3684, 0.3230



23.5904, 0.3532, 0.3913



23.5904, 0.2595, 0.3315



23.5904, 0.2714, 0.2714

Rectangle

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



23.5904, 0.3684, 0.3230



23.5904, 0.3808, 0.3697



23.5904, 0.2595, 0.3315



23.5904, 0.2486, 0.2841

Sweetspot

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



23.5915, 0.3684, 0.3230



60.4401, 0.3271, 0.3272



24.4547, 0.3105, 0.2587



12.8443, 0.3295, 0.3269



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.



23.5915, 0.3684, 0.3230



37.5108, 0.3856, 0.3217



28.6351, 0.3656, 0.3582



7.5521, 0.3273, 0.3271



6.3140, 0.6286, 0.3236



0.1567, 0.5820, 0.2980

Inverse Universe

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



23.5915, 0.3684, 0.3230



37.5108, 0.3856, 0.3217



28.6834, 0.2691, 0.2978



7.5521, 0.3273, 0.3271



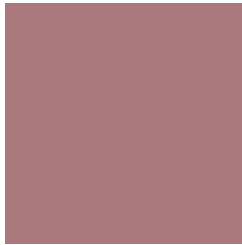
6.3140, 0.6286, 0.3236



0.1567, 0.5820, 0.2980

Previews

White Background



This preview shows how the Yxy color 23.5904, 0.3684, 0.3230 looks on a white background.

Color Contrast Check

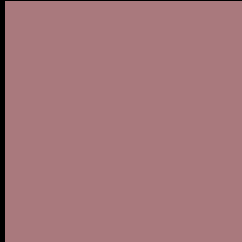
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.5904, 0.3684, 0.3230 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

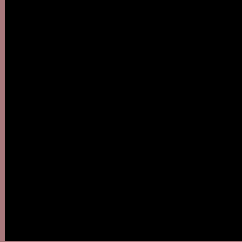
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.5904, 0.3684, 0.3230

Background



This preview shows how black text looks on a background with the Yxy color 23.5904, 0.3684, 0.3230.



This preview shows how white text looks on a background with the Yxy color 23.5904, 0.3684, 0.3230.

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

23.5904, 0.3684, 0.3230

Protanopia

23.6752, 0.3172, 0.3307

Deuteranopia

23.6398, 0.3435, 0.3374



Tritanopia

23.5640, 0.3649, 0.3154

Trichromacy



Original Color

23.5904, 0.3684, 0.3230

Protanomaly

23.5814, 0.3353, 0.3291

Deuteranomaly

23.5450, 0.3529, 0.3323

Tritanomaly

23.5375, 0.3662, 0.3170

Monochromacy



Original Color

23.5904, 0.3684, 0.3230

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

24.1944, 0.3315, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.5904, 0.3684, 0.3230 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, 121, 125)` looks like.

```
.text, #text, p{  
    color:rgb(169, 121, 125)  
}
```

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, 121, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 121, 125) }
```

Border

The CSS property to change the border of an element to Yxy 23.5904, 0.3684, 0.3230 is called "border". The border property can be set on classes, ids or directly on the HTML element.

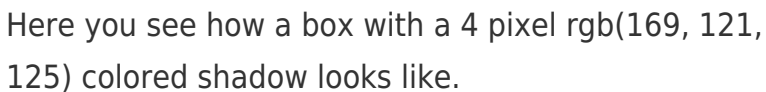
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(169, 121, 125) }
```

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

```
.border{ border-color:rgb(169, 121, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(169, 121, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(169, 121, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(169, 121, 125); box-shadow:4px 4px 4px 4px rgb(169, 121, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 23.5904, 0.3684, 0.3230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 121, 125) }
```

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

```
.background{ background-color: rgb(169,  
121, 125) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor