

Converting Colors

$Y_{xy}(15.7570, 0.3903, 0.3140)$

Have a look what the booklet for
Yxy(15.7570, 0.3903, 0.3140)
contains.

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Color

$Y_{xy}(15.7570, 0.3903, 0.3140)$

Conversions

Conversions Part 1

Format	Color
Hex	995E67
RGB	153, 94, 103
RGB Percent	60%, 37%, 40%
CMY	0.4000, 0.6313, 0.5961
CMYK	0.00, 0.39, 0.33, 0.40
HSL	351°, 24%, 48%
HSV	351°, 39%, 60%
XYZ	19.5859, 15.7570, 14.8387
YIQ	112.6670, 32.2750, 15.3070

Conversions

Conversions Part 2

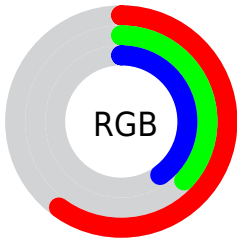
Format	Color
R_{YB}	153, 94, 103
Decimal	10051175
CIE _{Lab}	46.65, 25.27, 5.10
CIE _{LCh}	47, 25.777, 11.416
Yxy	15.7570, 0.3903, 0.3140
Android (android.graphics.Color)	4288241255 (0xFF995E67)
YUV	112.6670, -4.7658, 35.3720
Hunter-Lab	39.6951, 18.6068, 5.6230

Details

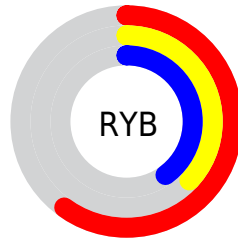
The Yxy color **15.7570, 0.3903, 0.3140** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **27.1731, 0.2672, 0.3451**, and the grayscale version is **16.4174, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.1392, 0.3716, 0.3178**, and **4.9488, 0.4281, 0.3050** is the 20% darker color. If you saturate the color by 10%, you get **13.0604, 0.4220, 0.3104**, and if you desaturate by 10%, it is **19.0349, 0.3640, 0.3180**.

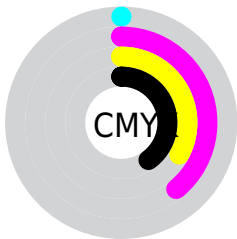
Distribution



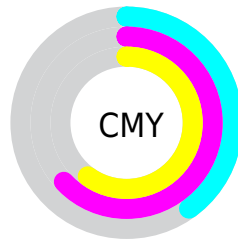
- Red (60%)
- Green (37%)
- Blue (40%)



- Red (60%)
- Yellow (37%)
- Blue (40%)



- Cyan (0%)
- Magenta (39%)
- Yellow (33%)
- Black (40%)





- Cyan (40%)
- Magenta (63%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7570, 0.3903, 0.3140 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 15.7570, 0.3903, 0.3140 by changing the saturation by 10% instead.


 15.7570, 0.3903,
0.3140


 15.7570, 0.3903,
0.3140


227.9035, 0.3443,
0.3235


 9.3524, 0.4052,
0.3106


 36.1758, 0.3714,
0.3181


 4.9717, 0.4269,
0.3052

 50.9588, 0.3650,
0.3195

 2.2307, 0.4617,
0.2960

 69.3034, 0.3598,
0.3205

 0.7366, 0.5443,
0.2840

 91.5939, 0.3556,
0.3213

 0.0000, 1.0000,
0.0000

118.2148, 0.3521,
0.3220

 0.0000, 0.0000,
0.0000

149.5504, 0.3491,

0.3226

185.9852, 0.3465,
0.3231

■ 15.7570, 0.3903,
0.3140

■ 15.7570, 0.3903,
0.3140

■ 13.0604, 0.4220,
0.3104

■ 19.0349, 0.3640,
0.3180

■ 10.9088, 0.4590,
0.3076

■ 22.9228, 0.3424,
0.3220

■ 9.2656, 0.5001,
0.3064


■ 27.4505, 0.3250,
0.3259


■ 8.0888, 0.5424,
0.3074


■ 32.6450, 0.3108,
0.3295

■ 7.3292, 0.5812,
0.3110

■ 38.5319, 0.2994,
0.3328


 6.8903, 0.6122,
0.3163

 45.1352, 0.2900,
0.3359

 6.8343, 0.6162,
0.3168

 52.4779, 0.2824,
0.3386

 60.5821, 0.2761,
0.3411

 69.4688, 0.2708,
0.3434

Harmonies

Analogous

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



15.7570, 0.3434, 0.2786



15.7570, 0.3903, 0.3140



15.7570, 0.4148, 0.3546

Triad

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



15.7570, 0.3903, 0.3140



15.7570, 0.3278, 0.4194



15.7570, 0.2236, 0.2582

Complementary

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



15.7570, 0.3903, 0.3140



27.1731, 0.2672, 0.3451

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.



15.7570, 0.2204, 0.2898



15.7570, 0.3903, 0.3140



15.7570, 0.2778, 0.3885

Square

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



15.7570, 0.3903, 0.3140



15.7570, 0.3760, 0.4189



15.7570, 0.2393, 0.3380



15.7570, 0.2482, 0.2469

Rectangle

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



15.7570, 0.3903, 0.3140



15.7570, 0.4141, 0.3810



15.7570, 0.2393, 0.3380



15.7570, 0.2201, 0.2665

Sweetspot

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



15.7578, 0.3903, 0.3140



46.0420, 0.3310, 0.3245



16.1608, 0.3041, 0.2328



9.9571, 0.3330, 0.3240



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



15.7578, 0.3903, 0.3140



24.1175, 0.4164, 0.3109



19.5400, 0.3919, 0.3623



6.2373, 0.3261, 0.3256



5.6527, 0.6147, 0.3160



0.0879, 0.5330, 0.2710

Inverse Universe

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



15.7578, 0.3903, 0.3140



24.1175, 0.4164, 0.3109



21.5453, 0.2553, 0.2926



6.2373, 0.3261, 0.3256



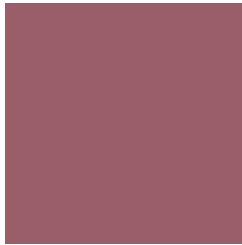
5.6527, 0.6147, 0.3160



0.0879, 0.5330, 0.2710

Previews

White Background



This preview shows how the Yxy color 15.7570, 0.3903, 0.3140 looks on a white 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

Black Background



This preview shows how the Yxy color 15.7570, 0.3903, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

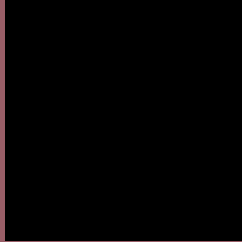
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7570, 0.3903, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 15.7570, 0.3903, 0.3140.



This preview shows how white text looks on a background with the Yxy color 15.7570, 0.3903, 0.3140.

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

15.7570, 0.3903, 0.3140

Protanopia

15.8324, 0.3142, 0.3250

Deuteranopia

15.8149, 0.3462, 0.3409



Tritanopia

15.7173, 0.3935, 0.3174

Trichromacy



Original Color

15.7570, 0.3903, 0.3140

Protanomaly

15.5940, 0.3404, 0.3195

Deuteranomaly

15.6129, 0.3614, 0.3291

Tritanomaly

15.7370, 0.3919, 0.3157

Monochromacy



Original Color

15.7570, 0.3903, 0.3140

Achromatopsia

16.5132, 0.3127, 0.3290

Achromatomaly

16.0014, 0.3398, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7570, 0.3903, 0.3140 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(153, 94, 103)` looks like.

```
.text, #text, p{  
  color:rgb(153, 94, 103)  
}
```

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(153, 94, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 94, 103) }
```

Border

The CSS property to change the border of an element to Yxy 15.7570, 0.3903, 0.3140 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(153, 94, 103) }
```

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

```
.border{ border-color:rgb(153, 94, 103) }
```

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

Here you see how a box with a 4 pixel rgb(153, 94, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 94, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 94, 103);  
box-shadow:4px 4px 4px 4px rgb(153, 94,  
103) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7570, 0.3903, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 94, 103) }
```

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

```
.background{ background-color: rgb(153, 94,  
103) }
```

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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