

Converting Colors

$Y_{xy}(15.8371, 0.3923, 0.3198)$

Have a look what the booklet for
Yxy(15.8371, 0.3923, 0.3198)
contains.

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Color

Yxy(15.7994, 0.3915, 0.3190)

Conversions

Conversions Part 1	
Format	Color
Hex	985F65
RGB	152, 95, 101
RGB Percent	60%, 37%, 40%
CMY	0.4039, 0.6274, 0.6039
CMYK	0.00, 0.37, 0.34, 0.40
HSL	354°, 23%, 48%
HSV	354°, 37%, 60%
XYZ	19.3902, 15.7994, 14.3383
YIQ	112.7270, 32.0460, 13.9500

Conversions

Conversions Part 2

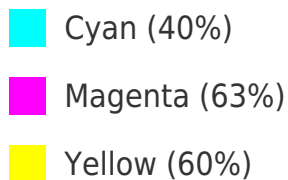
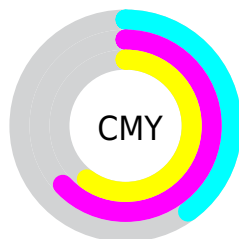
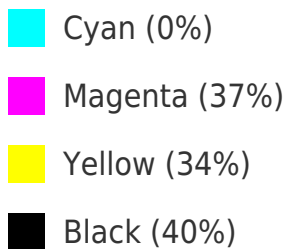
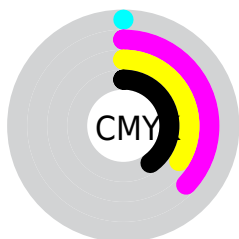
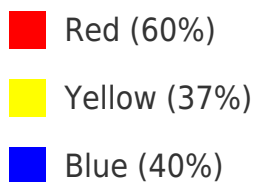
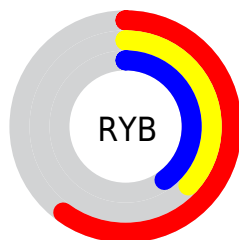
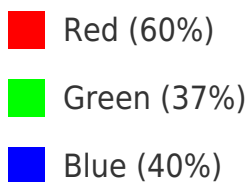
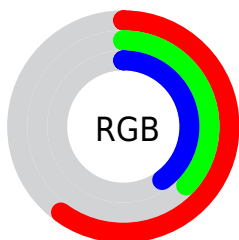
Format	Color
RYB	152, 95, 101
Decimal	9985893
CIELab	46.71, 24.04, 6.37
CIELCh	47, 24.868, 14.840
Yxy	15.7994, 0.3915, 0.3190
Android (android.graphics.Color)	4288175973 (0xFF985F65)
YUV	112.7270, -5.7814, 34.4424
Hunter-Lab	39.7485, 17.5164, 6.4364

Details

The Yxy color **15.7994, 0.3915, 0.3190** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9659, 0.2662, 0.3397**, and the grayscale version is **16.4391, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.2347, 0.3724, 0.3216**, and **4.9520, 0.4304, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **13.0787, 0.4245, 0.3165**, and if you desaturate by 10%, it is **19.1001, 0.3642, 0.3217**.


Distribution




Brightness & Saturation Gradients


These gradients show how the Yxy color 15.7994, 0.3915, 0.3190 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 15.7994, 0.3915, 0.3190 by changing the saturation by 10% instead.


 15.7994, 0.3915,
0.3190


 15.7994, 0.3915,
0.3190


228.1551, 0.3448,
0.3257


 9.3823, 0.4066,
0.3164


 36.2496, 0.3723,
0.3220


 4.9914, 0.4288,
0.3122


 51.0515, 0.3658,
0.3230

 2.2422, 0.4641,
0.3045

 69.4171, 0.3605,
0.3237

 0.7429, 0.5547,
0.2990

 91.7309, 0.3563,
0.3243

 0.0000, 1.0000,
0.0000


118.3772, 0.3527,
0.3247

 0.0000, 0.0000,
0.0000


149.7404, 0.3496,


0.3251

186.2049, 0.3470,
0.3254


 15.7994, 0.3915,
0.3190


 15.7994, 0.3915,
0.3190


 13.0787, 0.4245,
0.3165


 19.1001, 0.3642,
0.3217


 10.9024, 0.4631,
0.3147


 23.0091, 0.3419,
0.3245


 9.2343, 0.5060,
0.3139


 27.5559, 0.3239,
0.3271


 8.0332, 0.5498,
0.3148


 32.7671, 0.3094,
0.3296


 7.2512, 0.5893,
0.3175

 38.6680, 0.2976,
0.3319


 6.8065, 0.6192,
0.3215

 45.2824, 0.2880,
0.3339

 6.7130, 0.6254,
0.3219

 52.6331, 0.2802,
0.3358

 60.7419, 0.2737,
0.3375

 69.6295, 0.2684,
0.3390

Harmonies

Analogous

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



15.7994, 0.3481, 0.2838



15.7994, 0.3915, 0.3190



15.7994, 0.4119, 0.3585

Triad

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



15.7994, 0.3915, 0.3190



15.7994, 0.3218, 0.4140



15.7994, 0.2283, 0.2584

Complementary

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



15.7994, 0.3915, 0.3190



26.9659, 0.2662, 0.3397

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.



15.7994, 0.2227, 0.2869



15.7994, 0.3915, 0.3190



15.7994, 0.2741, 0.3812

Square

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



15.7994, 0.3915, 0.3190



15.7994, 0.3692, 0.4172



15.7994, 0.2387, 0.3321



15.7994, 0.2543, 0.2495

Rectangle

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



15.7994, 0.3915, 0.3190



15.7994, 0.4091, 0.3836



15.7994, 0.2387, 0.3321



15.7994, 0.2241, 0.2657

Sweetspot

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



15.8002, 0.3915, 0.3190



45.5213, 0.3301, 0.3262



16.5039, 0.3082, 0.2366



10.1198, 0.3323, 0.3258



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.



15.8002, 0.3915, 0.3190



23.7973, 0.4187, 0.3169



20.1902, 0.3873, 0.3661



6.2327, 0.3268, 0.3267



5.6310, 0.6243, 0.3213



0.0866, 0.5608, 0.2863

Inverse Universe

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



15.8002, 0.3915, 0.3190



23.7973, 0.4187, 0.3169



20.7061, 0.2560, 0.2883



6.2327, 0.3268, 0.3267



5.6310, 0.6243, 0.3213



0.0866, 0.5608, 0.2863

Previews

White Background



This preview shows how the Yxy color 15.7994, 0.3915, 0.3190 looks on a white background.

Color Contrast Check

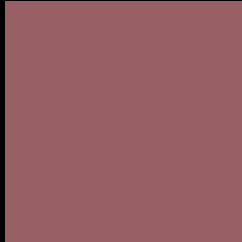
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.7994, 0.3915, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

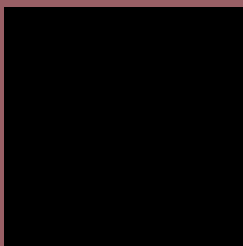
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 15.7994, 0.3915, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 15.7994, 0.3915, 0.3190.



This preview shows how white text looks on a background with the Yxy color 15.7994, 0.3915, 0.3190.

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

15.7994, 0.3915, 0.3190

Protanopia

15.9837, 0.3179, 0.3331

Deuteranopia

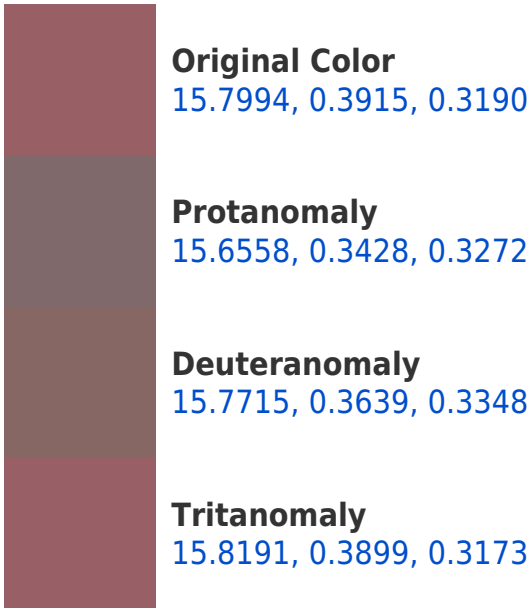
15.8519, 0.3505, 0.3448



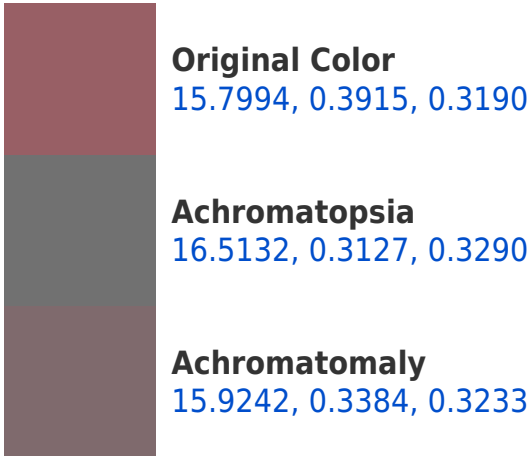
Tritanopia

15.8191, 0.3899, 0.3173

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Yxy 15.7994, 0.3915, 0.3190 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(152, 95, 101) looks like.

```
.text, #text, p{  
    color:rgb(152, 95, 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(152, 95, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 95, 101) }
```

Border

The CSS property to change the border of an element to Yxy 15.7994, 0.3915, 0.3190 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(152, 95, 101) }
```

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

```
.border{ border-color:rgb(152, 95, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 95, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 95, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 95, 101);  
box-shadow:4px 4px 4px 4px rgb(152, 95,  
101) }
```


Background

The CSS property to change the background color of an element to Yxy 15.7994, 0.3915, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 95, 101) }
```

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

```
.background{ background-color: rgb(152, 95,  
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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