

Converting Colors

$Y_{xy}(17.1948, 0.3887, 0.3292)$

Have a look what the booklet for
Yxy(17.1948, 0.3887, 0.3292)
contains.

Yxy(17.2344, 0.3875, 0.3292)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.2344, 0.3875, 0.3292)

Conversions

Conversions Part 1

Format	Color
Hex	996666
RGB	153, 102, 102
RGB Percent	60%, 40%, 40%
CMY	0.4000, 0.6000, 0.5999
CMYK	0.00, 0.33, 0.33, 0.40
HSL	360°, 20%, 50%
HSV	360°, 33%, 60%
XYZ	20.2865, 17.2344, 14.8314
YIQ	117.2490, 30.3960, 10.8120

Conversions

Conversions Part 2

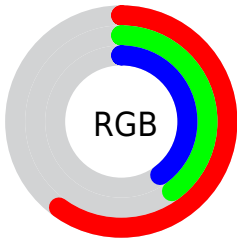
Format	Color
R_{YB}	153, 102, 102
Decimal	10053222
CIE Lab	48.55, 20.56, 8.39
CIE LCh	49, 22.206, 22.212
Yxy	17.2344, 0.3875, 0.3292
Android (android.graphics.Color)	4288243302 (0xFF996666)
YUV	117.2490, -7.5178, 31.3536
Hunter-Lab	41.5143, 14.5764, 7.8781

Details

The Yxy color **17.2344, 0.3875, 0.3292** is a dark color, and the websafe version is hex **996666**, and the color name is **copper rose**. A complement of this color would be **27.9057, 0.2666, 0.3289**, and the grayscale version is **17.8878, 0.3127, 0.3290**.

A 20% lighter version of the original color is **38.6377, 0.3700, 0.3292**, and **5.6235, 0.4222, 0.3269** is the 20% darker color. If you saturate the color by 10%, you get **14.2242, 0.4220, 0.3293**, and if you desaturate by 10%, it is **20.8573, 0.3592, 0.3291**.

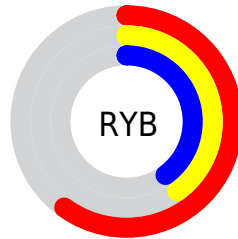
Distribution



Red (60%)

Green (40%)

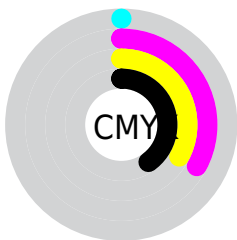
Blue (40%)



Red (60%)

Yellow (40%)

Blue (40%)

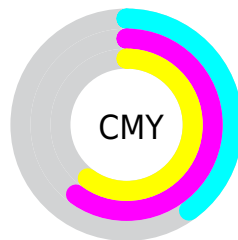


Cyan (0%)

Magenta (33%)

Yellow (33%)

Black (40%)



Cyan (40%)


Magenta (60%)

Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.2344, 0.3875, 0.3292 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 17.2344, 0.3875, 0.3292 by changing the saturation by 10% instead.


 17.2344, 0.3875,
0.3292


 17.2344, 0.3875,
0.3292


236.5196, 0.3436,
0.3300


 10.4018, 0.4014,
0.3284


 38.7284, 0.3696,
0.3298


 5.6661, 0.4216,
0.3269

 54.1584, 0.3635,
0.3299

 2.6432, 0.4532,
0.3235

 73.2231, 0.3586,
0.3300

 0.9484, 0.5244,
0.3239

 96.3069, 0.3545,
0.3300

 0.0000, 1.0000,
0.0000

123.7939, 0.3511,
0.3300

 0.0000, 0.0000,
0.0000

156.0688, 0.3482,

0.3300

193.5159, 0.3458,
0.3300

■ 17.2344, 0.3875,
0.3292

■ 17.2344, 0.3875,
0.3292

■ 14.2242, 0.4220,
0.3293

■ 20.8573, 0.3592,
0.3291

■ 11.7905, 0.4628,
0.3294

■ 25.1214, 0.3363,
0.3291

■ 9.8973, 0.5085,
0.3296


■ 30.0566, 0.3180,
0.3290


■ 8.5033, 0.5552,
0.3297


■ 35.6901, 0.3032,
0.3290

■ 7.5616, 0.5965,
0.3298

■ 42.0476, 0.2914,
0.3289


 7.0159, 0.6256,
0.3299

 49.1535, 0.2817,
0.3289

 6.7720, 0.6400,
0.3300

 57.0309, 0.2738,
0.3289

 65.7023, 0.2673,
0.3289

 75.1889, 0.2620,
0.3289

Harmonies

Analogous

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



17.2344, 0.3540, 0.2964



17.2344, 0.3875, 0.3292



17.2344, 0.3992, 0.3640

Triad

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



17.2344, 0.3875, 0.3292



17.2344, 0.3105, 0.3971



17.2344, 0.2427, 0.2638

Complementary

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



17.2344, 0.3875, 0.3292



27.9057, 0.2666, 0.3289

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.



17.2344, 0.2332, 0.2851



17.2344, 0.3875, 0.3292



17.2344, 0.2704, 0.3643

Square

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



17.2344, 0.3875, 0.3292



17.2344, 0.3529, 0.4070



17.2344, 0.2428, 0.3216



17.2344, 0.2699, 0.2598

Rectangle

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



17.2344, 0.3875, 0.3292



17.2344, 0.3929, 0.3846



17.2344, 0.2428, 0.3216



17.2344, 0.2374, 0.2690

Sweetspot

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



17.2352, 0.3875, 0.3292



47.6279, 0.3301, 0.3290



18.4930, 0.3154, 0.2484



10.2749, 0.3326, 0.3291



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.



17.2352, 0.3875, 0.3292



26.7436, 0.4126, 0.3293



22.8200, 0.3743, 0.3701



6.2227, 0.3283, 0.3290



5.5973, 0.6400, 0.3300



0.0837, 0.6399, 0.3299

Inverse Universe

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



17.2352, 0.3875, 0.3292



26.7436, 0.4126, 0.3293



20.6547, 0.2610, 0.2838



6.2227, 0.3283, 0.3290



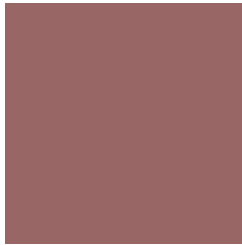
5.5973, 0.6400, 0.3300



0.0837, 0.6399, 0.3299

Previews

White Background



This preview shows how the Yxy color 17.2344, 0.3875, 0.3292 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 17.2344, 0.3875, 0.3292 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

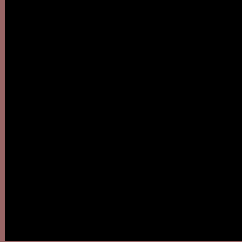
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 17.2344, 0.3875, 0.3292

Background



This preview shows how black text looks on a background with the Yxy color 17.2344, 0.3875, 0.3292.



This preview shows how white text looks on a background with the Yxy color 17.2344, 0.3875, 0.3292.

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

17.2344, 0.3875, 0.3292

Protanopia

17.2875, 0.3253, 0.3408

Deuteranopia

17.1945, 0.3561, 0.3499



Tritanopia

17.2815, 0.3789, 0.3157

Trichromacy



Original Color

17.2344, 0.3875, 0.3292

Protanomaly

17.0178, 0.3469, 0.3366

Deuteranomaly

17.2402, 0.3674, 0.3419

Tritanomaly

17.2180, 0.3835, 0.3208

Monochromacy



Original Color

17.2344, 0.3875, 0.3292

Achromatopsia

17.7888, 0.3127, 0.3290

Achromatomaly

17.5040, 0.3370, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.2344, 0.3875, 0.3292 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, 102, 102)` looks like.

```
.text, #text, p{  
    color:rgb(153, 102, 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(153, 102, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 102, 102) }
```

Border

The CSS property to change the border of an element to Yxy 17.2344, 0.3875, 0.3292 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, 102, 102) }
```

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

```
.border{ border-color:rgb(153, 102, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 102, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 102, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 102, 102);  
box-shadow:4px 4px 4px 4px rgb(153, 102,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 17.2344, 0.3875, 0.3292 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 102, 102) }
```

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

```
.background{ background-color: rgb(153,  
102, 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](#).

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