

Converting Colors

$Y_{xy}(17.6548, 0.4144, 0.3293)$

Have a look what the booklet for
Yxy(17.6548, 0.4144, 0.3293)
contains.

Yxy(17.7242, 0.4143, 0.3293)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(17.7242, 0.4143, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	A66262
RGB	166, 98, 98
RGB Percent	65%, 38%, 38%
CMY	0.3490, 0.6157, 0.6157
CMYK	0.00, 0.41, 0.41, 0.35
HSL	0°, 28%, 52%
HSV	0°, 41%, 65%
XYZ	22.2992, 17.7242, 13.8004
YIQ	118.3320, 40.5280, 14.4160

Conversions

Conversions Part 2

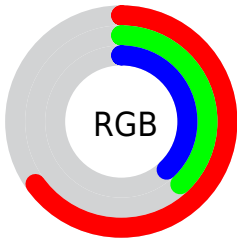
Format	Color
R _Y B	166, 98, 98
Decimal	10904162
CIE Lab	49.16, 27.52, 11.88
CIE LCh	49, 29.974, 23.352
Yxy	17.7242, 0.4143, 0.3293
Android (android.graphics.Color)	4289094242 (0xFFFA66262)
YUV	118.3320, -10.0237, 41.8048
Hunter-Lab	42.1001, 20.8711, 10.0348

Details

The Yxy color **17.7242, 0.4143, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **32.6242, 0.2576, 0.3288**, and the grayscale version is **18.2492, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.6706, 0.3895, 0.3304**, and **5.9086, 0.4575, 0.3251** is the 20% darker color. If you saturate the color by 10%, you get **14.6524, 0.4541, 0.3294**, and if you desaturate by 10%, it is **21.5070, 0.3809, 0.3292**.

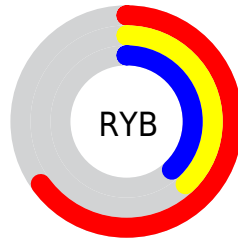
Distribution



Red (65%)

Green (38%)

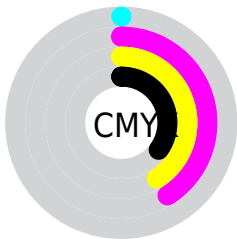
Blue (38%)



Red (65%)

Yellow (38%)

Blue (38%)

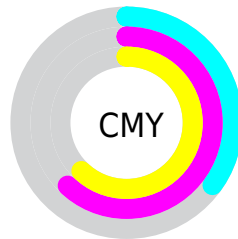


Cyan (0%)

Magenta (41%)

Yellow (41%)

Black (35%)



Cyan (35%)

Magenta (62%)

Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.7242, 0.4143, 0.3293 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 17.7242, 0.4143, 0.3293 by changing the saturation by 10% instead.


 17.7242, 0.4143,
0.3293


 17.7242, 0.4143,
0.3293


239.3119, 0.3549,
0.3308


 10.7522, 0.4329,
0.3279


 39.5668, 0.3902,
0.3305


 5.9004, 0.4595,
0.3251

 55.2062, 0.3819,
0.3307

 2.7846, 0.5003,
0.3191


 74.5034, 0.3752,
0.3308

 1.0204, 0.5963,
0.3184

 97.8429, 0.3697,
0.3309

 0.0000, 1.0000,
0.0000

125.6092, 0.3651,
0.3309

 0.0000, 0.0000,
0.0000

158.1865, 0.3612,

0.3309

195.9592, 0.3578,
0.3309

■ 17.7242, 0.4143,
0.3293

■ 17.7242, 0.4143,
0.3293

■ 14.6524, 0.4541,
0.3294

■ 21.5070, 0.3809,
0.3292

■ 12.2448, 0.4994,
0.3296

■ 26.0385, 0.3537,
0.3291

■ 10.4531, 0.5466,
0.3297


■ 31.3570, 0.3318,
0.3291

■ 9.2215, 0.5897,
0.3298

■ 37.4974, 0.3142,
0.3290

■ 8.4839, 0.6216,
0.3299


■ 44.4923, 0.3001,
0.3290

 8.1079, 0.6401,
0.3300

 52.3729, 0.2888,
0.3289

 61.1684, 0.2795,
0.3289

 70.9071, 0.2720,
0.3289

 81.6157, 0.2658,
0.3289

Harmonies

Analogous

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



17.7242, 0.3696, 0.2875



17.7242, 0.4143, 0.3293



17.7242, 0.4280, 0.3742

Triad

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



17.7242, 0.4143, 0.3293



17.7242, 0.3061, 0.4213



17.7242, 0.2223, 0.2427

Complementary

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



17.7242, 0.4143, 0.3293



32.6242, 0.2576, 0.3288

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.



17.7242, 0.2092, 0.2682



17.7242, 0.4143, 0.3293



17.7242, 0.2543, 0.3745

Square

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



17.7242, 0.4143, 0.3293



17.7242, 0.3624, 0.4341



17.7242, 0.2201, 0.3155



17.7242, 0.2577, 0.2394

Rectangle

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



17.7242, 0.4143, 0.3293



17.7242, 0.4179, 0.4017



17.7242, 0.2201, 0.3155



17.7242, 0.2153, 0.2487

Sweetspot

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



17.7251, 0.4143, 0.3293



55.6123, 0.3343, 0.3291



19.5963, 0.3173, 0.2305



12.1649, 0.3368, 0.3291



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.



17.7251, 0.4143, 0.3293



27.1212, 0.4496, 0.3294



25.4929, 0.3921, 0.3818



7.5424, 0.3286, 0.3290



6.2867, 0.6401, 0.3300



0.1530, 0.6401, 0.3300

Inverse Universe

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



32.6242, 0.2576, 0.3288



57.8416, 0.2486, 0.3288



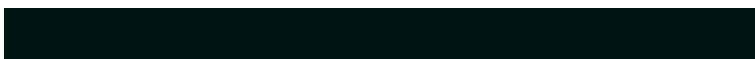
21.8533, 0.2482, 0.2689



8.5320, 0.2987, 0.3290



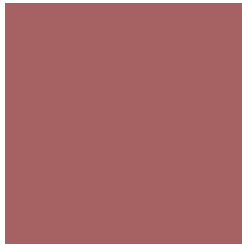
23.2817, 0.2247, 0.3287



0.5665, 0.2247, 0.3287

Previews

White Background



This preview shows how the Yxy color 17.7242, 0.4143, 0.3293 looks on a white background.

Color Contrast Check

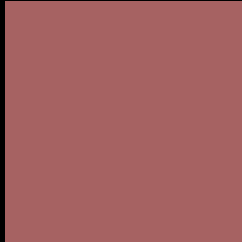
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.7242, 0.4143, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

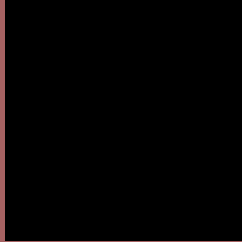
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.7242, 0.4143, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 17.7242, 0.4143, 0.3293.

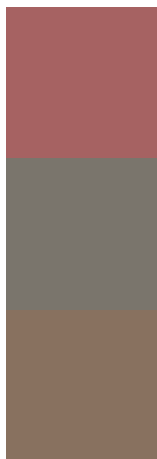


This preview shows how white text looks on a background with the Yxy color 17.7242, 0.4143, 0.3293.

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

17.7242, 0.4143, 0.3293

Protanopia

17.9429, 0.3301, 0.3465

Deuteranopia

17.8707, 0.3675, 0.3624



Tritanopia

17.7644, 0.4070, 0.3183

Trichromacy



Original Color

17.7242, 0.4143, 0.3293

Protanomaly

17.5546, 0.3595, 0.3401

Deuteranomaly

17.7727, 0.3844, 0.3502

Tritanomaly

17.7242, 0.4101, 0.3215

Monochromacy



Original Color

17.7242, 0.4143, 0.3293

Achromatopsia

18.1164, 0.3127, 0.3290

Achromatomaly

17.6675, 0.3455, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.7242, 0.4143, 0.3293 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(166, 98, 98)` looks like.

```
.text, #text, p{  
    color:rgb(166, 98, 98)  
}
```

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(166, 98, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 98, 98) }
```

Border

The CSS property to change the border of an element to Yxy 17.7242, 0.4143, 0.3293 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(166, 98, 98) }
```

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

```
.border{ border-color:rgb(166, 98, 98) }
```

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

Here you see how a box with a 4 pixel rgb(166, 98, 98) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 98, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 98, 98);  
box-shadow:4px 4px 4px 4px rgb(166, 98,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 17.7242, 0.4143, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 98, 98) }
```

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

```
.background{ background-color: rgb(166, 98,  
98) }
```

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