

Converting Colors

$Y_{xy}(19.7382, 0.3675, 0.3666)$

Have a look what the booklet for
Yxy(19.7382, 0.3675, 0.3666)
contains.

Yxy(19.7382, 0.3675, 0.3666)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.7382, 0.3675, 0.3666)

Conversions

Conversions Part 1

Format	Color
Hex	8D7762
RGB	141, 119, 98
RGB Percent	55%, 47%, 38%
CMY	0.4470, 0.5333, 0.6158
CMYK	0.00, 0.16, 0.31, 0.45
HSL	29°, 18%, 47%
HSV	29°, 31%, 55%
XYZ	19.7867, 19.7382, 14.3164
YIQ	123.1840, 19.8530, -1.8670

Conversions

Conversions Part 2

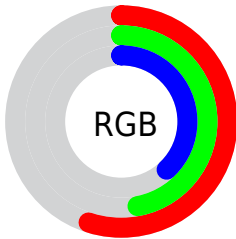
Format	Color
R_{YB}	141, 139, 98
Decimal	9271138
CIE Lab	51.54, 5.21, 14.75
CIE LCh	52, 15.642, 70.531
Yxy	19.7382, 0.3675, 0.3666
Android (android.graphics.Color)	4287461218 (0xFF8D7762)
YUV	123.1840, -12.4157, 15.6246
Hunter-Lab	44.4277, 1.7497, 11.9938

Details

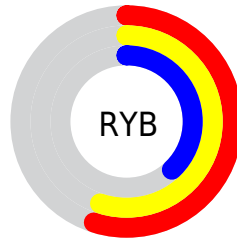
The Yxy color **19.7382, 0.3675, 0.3666** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **17.9493, 0.2658, 0.2881**, and the grayscale version is **19.9083, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8978, 0.3545, 0.3579**, and **6.9192, 0.3909, 0.3827** is the 20% darker color. If you saturate the color by 10%, you get **17.8436, 0.3902, 0.3794**, and if you desaturate by 10%, it is **21.8118, 0.3472, 0.3538**.

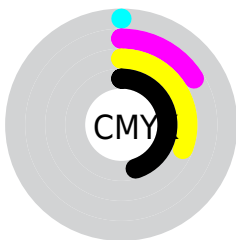
Distribution



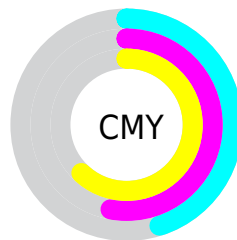
- Red (55%)
- Green (47%)
- Blue (38%)



- Red (55%)
- Yellow (55%)
- Blue (38%)



- Cyan (0%)
- Magenta (16%)
- Yellow (31%)
- Black (45%)



- Cyan (45%)
- Magenta (53%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.7382, 0.3675, 0.3666 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 19.7382, 0.3675, 0.3666 by changing the saturation by 10% instead.


 19.7382, 0.3675,
0.3666

 19.7382, 0.3675,
0.3666


250.4943, 0.3361,
0.3456

 12.2049, 0.3770,
0.3726


 42.9778, 0.3550,
0.3584


 6.8834, 0.3904,
0.3809


 59.4529, 0.3506,
0.3555

 3.3893, 0.4105,
0.3927


 79.6774, 0.3471,
0.3531

 1.3382, 0.4601,
0.4255

 104.0356, 0.3441,
0.3511

 0.1705, 0.6292,
0.3708

132.9121, 0.3417,
0.3494

 0.0000, 0.0000,
0.0000

166.6910, 0.3395,

0.3480

205.7570, 0.3377,
0.3467

■ 19.7382, 0.3675,
0.3666

■ 19.7382, 0.3675,
0.3666

■ 17.8436, 0.3902,
0.3794

■ 21.8118, 0.3472,
0.3538

■ 16.1201, 0.4151,
0.3914

■ 24.0668, 0.3292,
0.3414

■ 14.5628, 0.4416,
0.4019

■ 26.5090, 0.3135,
0.3296

■ 13.1657, 0.4689,
0.4098

■ 29.1429, 0.2997,
0.3186

■ 11.9221, 0.4955,
0.4137

■ 31.9731, 0.2877,
0.3084

■ 10.8249, 0.5198,
0.4129

■ 35.0038, 0.2772,
0.2990

■ 9.9062, 0.5409,
0.4088

■ 38.2391, 0.2681,
0.2903

■ 41.6830, 0.2601,
0.2825

■ 45.3396, 0.2530,
0.2752

Harmonies

Analogous

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



19.7382, 0.3696, 0.3449



19.7382, 0.3675, 0.3666



19.7382, 0.3502, 0.3796

Triad

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



19.7382, 0.3675, 0.3666



19.7382, 0.2711, 0.3357



19.7382, 0.3001, 0.2848

Complementary

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



19.7382, 0.3675, 0.3666



17.9493, 0.2658, 0.2881

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.



19.7382, 0.2750, 0.2810



19.7382, 0.3675, 0.3666



19.7382, 0.2590, 0.3088

Square

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



19.7382, 0.3675, 0.3666



19.7382, 0.2944, 0.3620



19.7382, 0.2604, 0.2892



19.7382, 0.3296, 0.2990

Rectangle

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



19.7382, 0.3675, 0.3666



19.7382, 0.3329, 0.3806



19.7382, 0.2604, 0.2892



19.7382, 0.2909, 0.2823

Sweetspot

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



19.7391, 0.3675, 0.3666



43.6515, 0.3270, 0.3398



15.7562, 0.3448, 0.2896



9.6271, 0.3292, 0.3413



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



19.7391, 0.3675, 0.3666



32.8428, 0.3838, 0.3759



25.3880, 0.3575, 0.4013



5.8317, 0.3270, 0.3398



9.0624, 0.5403, 0.4092



0.1305, 0.4786, 0.4582

Inverse Universe

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



17.9493, 0.2658, 0.2881



29.0794, 0.2543, 0.2765



13.3848, 0.2610, 0.2447



5.6824, 0.2990, 0.3180



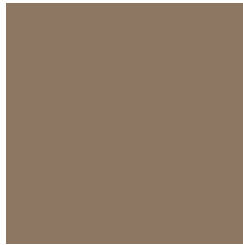
6.0255, 0.1794, 0.1658



0.1017, 0.2005, 0.2416

Previews

White Background



This preview shows how the Yxy color 19.7382, 0.3675, 0.3666 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 19.7382, 0.3675, 0.3666 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

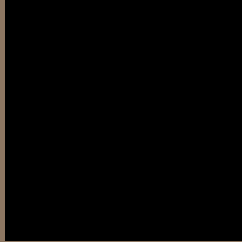
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.7382, 0.3675, 0.3666

Background



This preview shows how black text looks on a background with the Yxy color 19.7382, 0.3675, 0.3666.



This preview shows how white text looks on a background with the Yxy color 19.7382, 0.3675, 0.3666.

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

19.7382, 0.3675, 0.3666

Protanopia

19.8318, 0.3486, 0.3719

Deuteranopia

19.6783, 0.3707, 0.3645



Tritanopia

19.6460, 0.3395, 0.3136

Trichromacy



Original Color

19.7382, 0.3675, 0.3666

Protanomaly

19.8883, 0.3555, 0.3713

Deuteranomaly

19.5895, 0.3693, 0.3647

Tritanomaly

19.5682, 0.3494, 0.3309

Monochromacy



Original Color

19.7382, 0.3675, 0.3666

Achromatopsia

19.8069, 0.3127, 0.3290

Achromatomaly

19.8798, 0.3321, 0.3438

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.7382, 0.3675, 0.3666 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(141, 119, 98)` looks like.

```
.text, #text, p{  
    color:rgb(141, 119, 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(141, 119, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 119, 98) }
```

Border

The CSS property to change the border of an element to Yxy 19.7382, 0.3675, 0.3666 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(141, 119, 98) }
```

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

```
.border{ border-color:rgb(141, 119, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 119, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 119, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 119, 98);  
box-shadow:4px 4px 4px 4px rgb(141, 119,  
98) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 19.7382, 0.3675, 0.3666$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 119, 98) }
```

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

```
.background{ background-color: rgb(141,  
119, 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](#).

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