

Converting Colors

$Y_{xy}(18.3333, 0.3759, 0.3321)$

Have a look what the booklet for
Yxy(18.3333, 0.3759, 0.3321)
contains.

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Color

Yxy(18.3450, 0.3758, 0.3326)

Conversions

Conversions Part 1

Format	Color
Hex	976C6A
RGB	151, 108, 106
RGB Percent	59%, 42%, 42%
CMY	0.4078, 0.5765, 0.5843
CMYK	0.00, 0.28, 0.30, 0.41
HSL	3°, 18%, 50%
HSV	3°, 30%, 59%
XYZ	20.7278, 18.3450, 16.0836
YIQ	120.6290, 26.2700, 8.4940

Conversions

Conversions Part 2

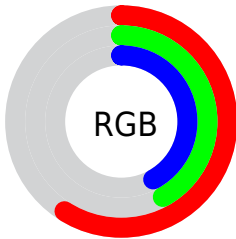
Format	Color
R_{YB}	151, 108, 106
Decimal	9923690
CIE _{Lab}	49.91, 16.86, 7.92
CIE _{LCh}	50, 18.623, 25.161
Yxy	18.3450, 0.3758, 0.3326
Android (android.graphics.Color)	4288113770 (0xFF976C6A)
YUV	120.6290, -7.2121, 26.6354
Hunter-Lab	42.8311, 11.4293, 7.7176

Details

The Yxy color **18.3450, 0.3758, 0.3326** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.7964, 0.2705, 0.3254**, and the grayscale version is **19.0125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **40.6977, 0.3609, 0.3329**, and **6.2001, 0.4041, 0.3318** is the 20% darker color. If you saturate the color by 10%, you get **15.2629, 0.4071, 0.3339**, and if you desaturate by 10%, it is **21.9879, 0.3501, 0.3313**.

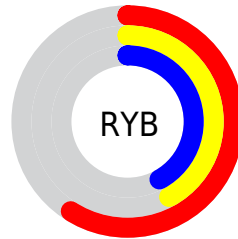
Distribution



Red (59%)

Green (42%)

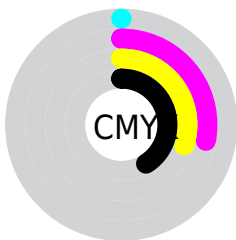
Blue (42%)



Red (59%)

Yellow (42%)

Blue (42%)

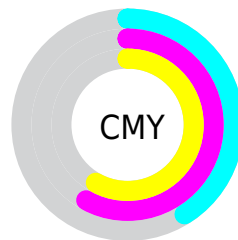


Cyan (0%)

Magenta (28%)

Yellow (30%)

Black (41%)



Cyan (41%)


Magenta (58%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.3450, 0.3758, 0.3326 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 18.3450, 0.3758, 0.3326 by changing the saturation by 10% instead.


 18.3450, 0.3758,
0.3326

 18.3450, 0.3758,
0.3326


242.8085, 0.3391,
0.3312


 11.1980, 0.3873,
0.3327


 40.6243, 0.3609,
0.3323

 6.2001, 0.4038,
0.3324

 56.5254, 0.3558,
0.3321

 2.9672, 0.4294,
0.3313

 76.1133, 0.3517,
0.3319

 1.1146, 0.4791,
0.3307

 99.7724, 0.3483,
0.3317

 0.0000, 1.0000,
0.0000

127.8870, 0.3455,
0.3316

 0.0000, 0.0000,
0.0000

160.8417, 0.3430,

0.3315

199.0207, 0.3409,
0.3313

■ 18.3450, 0.3758,
0.3326

■ 18.3450, 0.3758,
0.3326

■ 15.2629, 0.4071,
0.3339

■ 21.9879, 0.3501,
0.3313

■ 12.7114, 0.4445,
0.3350

■ 26.2148, 0.3293,
0.3301

■ 10.6613, 0.4873,
0.3358


■ 31.0506, 0.3124,
0.3290

■ 9.0796, 0.5331,
0.3361


■ 36.5183, 0.2988,
0.3280

■ 7.9293, 0.5768,
0.3355


■ 42.6394, 0.2877,
0.3270

 7.1678, 0.6119,
0.3341

 49.4345, 0.2786,
0.3262

 6.7326, 0.6356,
0.3332

 56.9233, 0.2711,
0.3254

 6.7259, 0.6360,
0.3332

 65.1247, 0.2648,
0.3248

 74.0569, 0.2596,
0.3241

Harmonies

Analogous

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



18.3450, 0.3499, 0.3045



18.3450, 0.3758, 0.3326



18.3450, 0.3835, 0.3614

Triad

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



18.3450, 0.3758, 0.3326



18.3450, 0.3078, 0.3823



18.3450, 0.2562, 0.2741

Complementary

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



18.3450, 0.3758, 0.3326



26.7964, 0.2705, 0.3254

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.



18.3450, 0.2466, 0.2909



18.3450, 0.3758, 0.3326



18.3450, 0.2752, 0.3546

Square

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



18.3450, 0.3758, 0.3326



18.3450, 0.3430, 0.3928



18.3450, 0.2533, 0.3201



18.3450, 0.2804, 0.2717

Rectangle

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



18.3450, 0.3758, 0.3326



18.3450, 0.3773, 0.3776



18.3450, 0.2533, 0.3201



18.3450, 0.2512, 0.2781

Sweetspot

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



18.3459, 0.3758, 0.3326



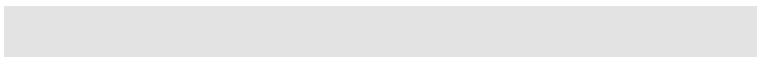
47.4510, 0.3281, 0.3300



19.0743, 0.3179, 0.2593



10.5354, 0.3306, 0.3302



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.



18.3459, 0.3758, 0.3326



28.9300, 0.3968, 0.3335



23.5873, 0.3654, 0.3692



6.2645, 0.3282, 0.3300



5.7325, 0.6356, 0.3335



0.0960, 0.6146, 0.3502

Inverse Universe

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



26.7964, 0.2705, 0.3254



46.6434, 0.2620, 0.3244



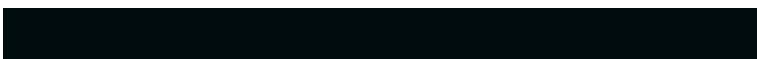
20.4785, 0.2662, 0.2851



6.9795, 0.2989, 0.3280



18.9553, 0.2209, 0.3154



0.2958, 0.2227, 0.3218

Previews

White Background



This preview shows how the Yxy color 18.3450, 0.3758, 0.3326 looks on a white background.

Color Contrast Check

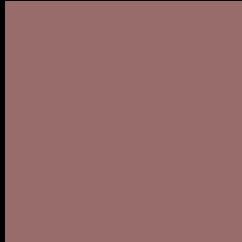
Large Text (above 18pt) WCAG AA ✓ Pass

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 18.3450, 0.3758, 0.3326 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

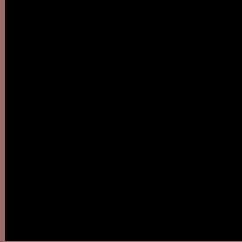
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.3450, 0.3758, 0.3326

Background



This preview shows how black text looks on a background with the Yxy color 18.3450, 0.3758, 0.3326.



This preview shows how white text looks on a background with the Yxy color 18.3450, 0.3758, 0.3326.

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

18.3450, 0.3758, 0.3326

Protanopia

18.5745, 0.3261, 0.3424

Deuteranopia

18.5156, 0.3534, 0.3474



Tritanopia

18.4286, 0.3648, 0.3156

Trichromacy



Original Color

18.3450, 0.3758, 0.3326

Protanomaly

18.3738, 0.3428, 0.3383

Deuteranomaly

18.2710, 0.3615, 0.3417

Tritanomaly

18.3606, 0.3691, 0.3207

Monochromacy



Original Color

18.3450, 0.3758, 0.3326

Achromatopsia

19.1202, 0.3127, 0.3290

Achromatomaly

18.6573, 0.3336, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.3450, 0.3758, 0.3326 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(151, 108, 106)` looks like.

```
.text, #text, p{  
    color:rgb(151, 108, 106)  
}
```

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(151, 108, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 108, 106) }
```

Border

The CSS property to change the border of an element to Yxy 18.3450, 0.3758, 0.3326 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(151, 108, 106) }
```

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

```
.border{ border-color:rgb(151, 108, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 108, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 108, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 108, 106);  
box-shadow:4px 4px 4px 4px rgb(151, 108,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 18.3450, 0.3758, 0.3326 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 108, 106) }
```

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

```
.background{ background-color: rgb(151,  
108, 106) }
```

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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