

Converting Colors

$Y_{xy}(17.7924, 0.3673, 0.3278)$

Have a look what the booklet for
Yxy(17.7924, 0.3673, 0.3278)
contains.

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Color

Yxy(17.8011, 0.3678, 0.3274)

Conversions

Conversions Part 1

Format	Color
Hex	936B6C
RGB	147, 107, 108
RGB Percent	58%, 42%, 42%
CMY	0.4235, 0.5804, 0.5764
CMYK	0.00, 0.27, 0.27, 0.42
HSL	358°, 16%, 50%
HSV	358°, 27%, 58%
XYZ	19.9977, 17.8011, 16.5723
YIQ	119.0740, 23.5190, 8.7910

Conversions

Conversions Part 2

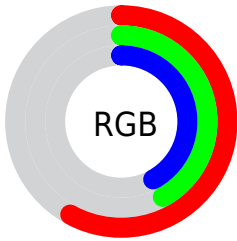
Format	Color
R _Y B	147, 107, 108
Decimal	9661292
CIE Lab	49.25, 16.12, 5.72
CIE LCh	49, 17.103, 19.551
Yxy	17.8011, 0.3678, 0.3274
Android (android.graphics.Color)	4287851372 (0xFF936B6C)
YUV	119.0740, -5.4595, 24.4911
Hunter-Lab	42.1913, 10.7699, 6.2455

Details

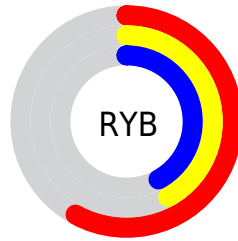
The Yxy color **17.8011, 0.3678, 0.3274** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.0689, 0.2751, 0.3307**, and the grayscale version is **18.4851, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.8560, 0.3552, 0.3291**, and **5.8977, 0.3915, 0.3240** is the 20% darker color. If you saturate the color by 10%, you get **14.7123, 0.3975, 0.3268**, and if you desaturate by 10%, it is **21.4628, 0.3437, 0.3280**.

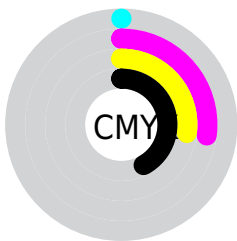
Distribution



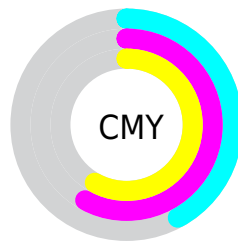
- Red (58%)
- Green (42%)
- Blue (42%)



- Red (58%)
- Yellow (42%)
- Blue (42%)



- Cyan (0%)
- Magenta (27%)
- Yellow (27%)
- Black (42%)





- Cyan (42%)
- Magenta (58%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 17.8011, 0.3678, 0.3274 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 17.8011, 0.3678, 0.3274 by changing the saturation by 10% instead.


 17.8011, 0.3678,
0.3274


 17.8011, 0.3678,
0.3274


239.7475, 0.3357,
0.3288


 10.8073, 0.3779,
0.3267


 39.6981, 0.3547,
0.3281


 5.9374, 0.3925,
0.3255

 55.3701, 0.3503,
0.3283

 2.8070, 0.4155,
0.3231

 74.7036, 0.3467,
0.3285

 1.0318, 0.4593,
0.3193

 98.0830, 0.3437,
0.3286

 0.0000, 1.0000,
0.0000

125.8927, 0.3412,
0.3287

 0.0000, 0.0000,
0.0000

158.5171, 0.3391,

0.3287

196.3406, 0.3372,
0.3288

■ 17.8011, 0.3678,
0.3274

■ 17.8011, 0.3678,
0.3274

■ 14.7123, 0.3975,
0.3268

■ 21.4628, 0.3437,
0.3280

■ 12.1652, 0.4333,
0.3263

■ 25.7217, 0.3243,
0.3286

■ 10.1292, 0.4750,
0.3260


■ 30.6037, 0.3087,
0.3292


■ 8.5699, 0.5207,
0.3260


■ 36.1325, 0.2961,
0.3297


■ 7.4485, 0.5660,
0.3264


■ 42.3304, 0.2859,
0.3301

 6.7203, 0.6043,
0.3273


 49.2188, 0.2776,
0.3305

 6.3091, 0.6303,
0.3281

 56.8181, 0.2707,
0.3309

 6.2113, 0.6366,
0.3280

 65.1478, 0.2650,
0.3313

 74.2268, 0.2603,
0.3316

Harmonies

Analogous

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



17.8011, 0.3415, 0.3019



17.8011, 0.3678, 0.3274



17.8011, 0.3785, 0.3546

Triad

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



17.8011, 0.3678, 0.3274



17.8011, 0.3145, 0.3814



17.8011, 0.2573, 0.2799

Complementary

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



17.8011, 0.3678, 0.3274



26.0689, 0.2751, 0.3307

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.



17.8011, 0.2511, 0.2981



17.8011, 0.3678, 0.3274



17.8011, 0.2830, 0.3583

Square

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



17.8011, 0.3678, 0.3274



17.8011, 0.3466, 0.3878



17.8011, 0.2602, 0.3268



17.8011, 0.2776, 0.2750

Rectangle

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



17.8011, 0.3678, 0.3274



17.8011, 0.3751, 0.3705



17.8011, 0.2602, 0.3268



17.8011, 0.2536, 0.2845

Sweetspot

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



17.8019, 0.3678, 0.3274



45.2878, 0.3260, 0.3285



18.7030, 0.3141, 0.2632



10.0819, 0.3285, 0.3285



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



17.8019, 0.3678, 0.3274



28.1875, 0.3863, 0.3270



22.1018, 0.3611, 0.3610



5.8176, 0.3278, 0.3285



5.3853, 0.6363, 0.3279



0.0664, 0.6180, 0.3178

Inverse Universe

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



17.8019, 0.3678, 0.3274



28.1875, 0.3863, 0.3270



20.7584, 0.2710, 0.2946



5.8176, 0.3278, 0.3285



5.3853, 0.6363, 0.3279



0.0664, 0.6180, 0.3178

Previews

White Background



This preview shows how the Yxy color 17.8011, 0.3678, 0.3274 looks on a white background.

Color Contrast Check

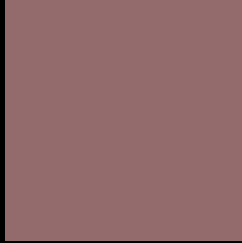
Large Text (above 18pt) WCAG AA ✓ Pass

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 17.8011, 0.3678, 0.3274 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

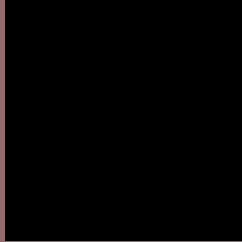
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.8011, 0.3678, 0.3274

Background



This preview shows how black text looks on a background with the Yxy color 17.8011, 0.3678, 0.3274.

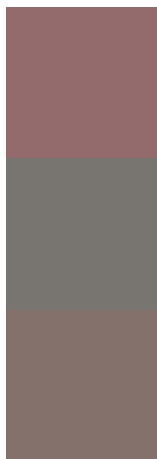


This preview shows how white text looks on a background with the Yxy color 17.8011, 0.3678, 0.3274.

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

17.8011, 0.3678, 0.3274

Protanopia

17.9079, 0.3214, 0.3368

Deuteranopia

17.8583, 0.3474, 0.3402



Tritanopia

17.8189, 0.3611, 0.3153

Trichromacy



Original Color

17.8011, 0.3678, 0.3274

Protanomaly

17.7038, 0.3380, 0.3328

Deuteranomaly

17.8337, 0.3550, 0.3364

Tritanomaly

17.7738, 0.3639, 0.3188

Monochromacy



Original Color

17.8011, 0.3678, 0.3274

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

18.1664, 0.3311, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.8011, 0.3678, 0.3274 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(147, 107, 108)` looks like.

```
.text, #text, p{  
    color:rgb(147, 107, 108)  
}
```

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(147, 107, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 107, 108) }
```

Border

The CSS property to change the border of an element to Yxy 17.8011, 0.3678, 0.3274 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(147, 107, 108) }
```

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

```
.border{ border-color:rgb(147, 107, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 107, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 107, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 107, 108);  
box-shadow:4px 4px 4px 4px rgb(147, 107,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 17.8011, 0.3678, 0.3274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 107, 108) }
```

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

```
.background{ background-color: rgb(147,  
107, 108) }
```

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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