

Converting Colors

$Y_{xy}(19.7016, 0.3808, 0.3259)$

Have a look what the booklet for
Yxy(19.7016, 0.3808, 0.3259)
contains.

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Color

Yxy(19.6620, 0.3819, 0.3260)

Conversions

Conversions Part 1

Format	Color
Hex	A16D6F
RGB	161, 109, 111
RGB Percent	63%, 43%, 44%
CMY	0.3687, 0.5725, 0.5647
CMYK	0.00, 0.32, 0.31, 0.37
HSL	358°, 22%, 53%
HSV	358°, 32%, 63%
XYZ	23.0335, 19.6620, 17.6174
YIQ	124.7760, 30.3500, 11.6460

Conversions

Conversions Part 2

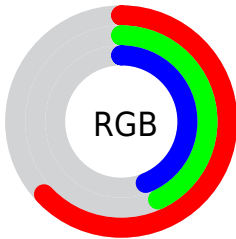
Format	Color
RYB	161, 109, 111
Decimal	10579311
CIELab	51.45, 20.98, 7.32
CIELCh	51, 22.222, 19.220
Yxy	19.6620, 0.3819, 0.3260
Android (android.graphics.Color)	4288769391 (0xFFA16D6F)
YUV	124.7760, -6.7916, 31.7684
Hunter-Lab	44.3419, 15.1240, 7.4829

Details

The Yxy color **19.6620, 0.3819, 0.3260** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.2407, 0.2691, 0.3322**, and the grayscale version is **20.4449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.8858, 0.3655, 0.3267**, and **6.8845, 0.4127, 0.3247** is the 20% darker color. If you saturate the color by 10%, you get **16.2246, 0.4146, 0.3251**, and if you desaturate by 10%, it is **23.7895, 0.3551, 0.3270**.

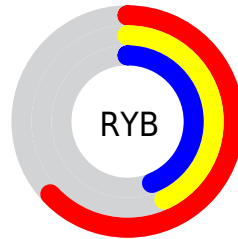
Distribution



Red (63%)

Green (43%)

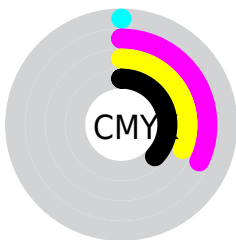
Blue (44%)



Red (63%)

Yellow (43%)

Blue (44%)

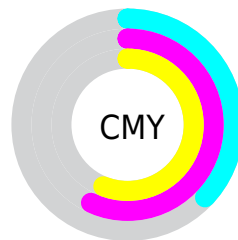


Cyan (0%)

Magenta (32%)

Yellow (31%)

Black (37%)



Cyan (37%)

Magenta (57%)


Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.6620, 0.3819, 0.3260 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 19.6620, 0.3819, 0.3260 by changing the saturation by 10% instead.


 19.6620, 0.3819,
0.3260


 19.6620, 0.3819,
0.3260


250.0794, 0.3420,
0.3285


 12.1496, 0.3941,
0.3249


 42.8498, 0.3659,
0.3272

 6.8456, 0.4115,
0.3230


 59.2939, 0.3604,
0.3276

 3.3658, 0.4381,
0.3194

 79.4841, 0.3559,
0.3278

 1.3255, 0.4837,
0.3118

 103.8047, 0.3522,
0.3280

 0.1608, 0.8053,
0.1947

132.6402, 0.3490,
0.3282

 0.0000, 0.0000,
0.0000

166.3748, 0.3464,

0.3283

205.3931, 0.3441,
0.3284

■ 19.6620, 0.3819,
0.3260

■ 19.6620, 0.3819,
0.3260

■ 16.2246, 0.4146,
0.3251

■ 23.7895, 0.3551,
0.3270

■ 13.4370, 0.4535,
0.3244

■ 28.6390, 0.3335,
0.3279

■ 11.2592, 0.4977,
0.3241


■ 34.2435, 0.3162,
0.3288


■ 9.6456, 0.5439,
0.3243


■ 40.6334, 0.3022,
0.3296


■ 8.5440, 0.5865,
0.3253

■ 47.8375, 0.2909,
0.3304


 7.8929, 0.6188,
0.3269

 55.8828, 0.2818,
0.3311

 7.5892, 0.6353,
0.3274

 64.7953, 0.2743,
0.3317

 74.6000, 0.2681,
0.3323

 85.3206, 0.2629,
0.3328

Harmonies

Analogous

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



19.6620, 0.3483, 0.2949



19.6620, 0.3819, 0.3260



19.6620, 0.3955, 0.3595

Triad

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



19.6620, 0.3819, 0.3260



19.6620, 0.3148, 0.3961



19.6620, 0.2437, 0.2678

Complementary

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



19.6620, 0.3819, 0.3260



31.2407, 0.2691, 0.3322

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.



19.6620, 0.2364, 0.2900



19.6620, 0.3819, 0.3260



19.6620, 0.2757, 0.3665

Square

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



19.6620, 0.3819, 0.3260



19.6620, 0.3551, 0.4032



19.6620, 0.2476, 0.3261



19.6620, 0.2684, 0.2621

Rectangle

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



19.6620, 0.3819, 0.3260



19.6620, 0.3911, 0.3798



19.6620, 0.2476, 0.3261



19.6620, 0.2393, 0.2734

Sweetspot

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



19.6629, 0.3819, 0.3260



53.2911, 0.3296, 0.3281



20.8210, 0.3132, 0.2501



11.4122, 0.3320, 0.3280



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

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



19.6629, 0.3819, 0.3260



30.5208, 0.4057, 0.3253



25.2915, 0.3731, 0.3663



7.0901, 0.3279, 0.3282



6.0637, 0.6347, 0.3270



0.1286, 0.6104, 0.3136

Inverse Universe

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



19.6629, 0.3819, 0.3260



30.5208, 0.4057, 0.3253



23.8865, 0.2628, 0.2884



7.0901, 0.3279, 0.3282



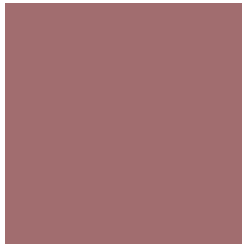
6.0637, 0.6347, 0.3270



0.1286, 0.6104, 0.3136

Previews

White Background



This preview shows how the Yxy color 19.6620, 0.3819, 0.3260 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 19.6620, 0.3819, 0.3260 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

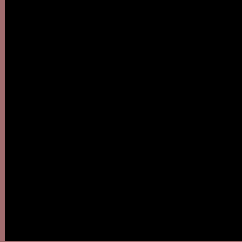
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.6620, 0.3819, 0.3260

Background



This preview shows how black text looks on a background with the Yxy color 19.6620, 0.3819, 0.3260.



This preview shows how white text looks on a background with the Yxy color 19.6620, 0.3819, 0.3260.

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

19.6620, 0.3819, 0.3260

Protanopia

19.6627, 0.3223, 0.3365

Deuteranopia

19.6364, 0.3525, 0.3452



Tritanopia

19.6675, 0.3766, 0.3164

Trichromacy



Original Color

19.6620, 0.3819, 0.3260

Protanomaly

19.4494, 0.3438, 0.3327

Deuteranomaly

19.6832, 0.3631, 0.3378

Tritanomaly

19.6214, 0.3795, 0.3196

Monochromacy



Original Color

19.6620, 0.3819, 0.3260

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.9530, 0.3357, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.6620, 0.3819, 0.3260 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(161, 109, 111)` looks like.

```
.text, #text, p{  
    color:rgb(161, 109, 111)  
}
```

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(161, 109, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 109, 111) }
```

Border

The CSS property to change the border of an element to Yxy 19.6620, 0.3819, 0.3260 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(161, 109, 111) }
```

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

```
.border{ border-color:rgb(161, 109, 111) }
```

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

Here you see how a box with a 4 pixel rgb(161, 109, 111) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 109, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 109, 111);  
box-shadow:4px 4px 4px 4px rgb(161, 109,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 19.6620, 0.3819, 0.3260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 109, 111) }
```

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

```
.background{ background-color: rgb(161,  
109, 111) }
```

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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