

Converting Colors

$Y_{xy}(19.9334, 0.3834, 0.3272)$

Have a look what the booklet for
Yxy(19.9334, 0.3834, 0.3272)
contains.

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Color

Yxy(19.9809, 0.3828, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	A26E6F
RGB	162, 110, 111
RGB Percent	64%, 43%, 44%
CMY	0.3646, 0.5686, 0.5647
CMYK	0.00, 0.32, 0.31, 0.36
HSL	359°, 22%, 53%
HSV	359°, 32%, 64%
XYZ	23.3476, 19.9809, 17.6632
YIQ	125.6620, 30.6710, 11.3350

Conversions

Conversions Part 2

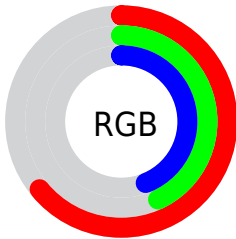
Format	Color
R_{YB}	162, 110, 111
Decimal	10645103
CIE _{Lab}	51.82, 20.83, 7.85
CIE _{LCh}	52, 22.260, 20.640
Yxy	19.9809, 0.3828, 0.3276
Android (android.graphics.Color)	4288835183 (0xFFA26E6F)
YUV	125.6620, -7.2284, 31.8684
Hunter-Lab	44.7000, 15.0089, 7.8615

Details

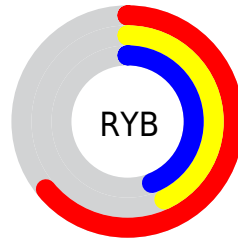
The Yxy color **19.9809, 0.3828, 0.3276** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **31.7352, 0.2686, 0.3305**, and the grayscale version is **20.7610, 0.3127, 0.3290**.

A 20% lighter version of the original color is **43.3904, 0.3662, 0.3280**, and **7.0553, 0.4137, 0.3270** is the 20% darker color. If you saturate the color by 10%, you get **16.4802, 0.4161, 0.3272**, and if you desaturate by 10%, it is **24.1849, 0.3556, 0.3280**.

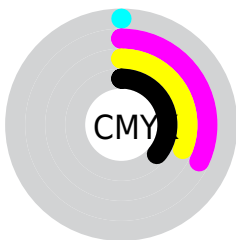
Distribution



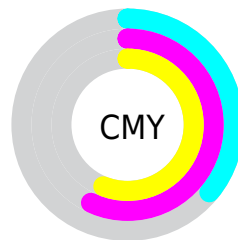
- Red (64%)
- Green (43%)
- Blue (44%)



- Red (64%)
- Yellow (43%)
- Blue (44%)



- Cyan (0%)
- Magenta (32%)
- Yellow (31%)
- Black (36%)





- Cyan (36%)
- Magenta (57%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.9809, 0.3828, 0.3276 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 19.9809, 0.3828, 0.3276 by changing the saturation by 10% instead.


 19.9809, 0.3828,
0.3276


 19.9809, 0.3828,
0.3276


251.8117, 0.3425,
0.3292


 12.3812, 0.3951,
0.3267


 43.3852, 0.3666,
0.3285


 7.0038, 0.4126,
0.3252


 59.9585, 0.3611,
0.3287

 3.4645, 0.4392,
0.3221

 80.2918, 0.3565,
0.3289

 1.3788, 0.4845,
0.3153

 104.7694, 0.3528,
0.3290

 0.2010, 0.7768,
0.2232

133.7759, 0.3496,
0.3291

 0.0000, 0.0000,
0.0000

167.6954, 0.3469,

0.3291

206.9126, 0.3445,
0.3292

■ 19.9809, 0.3828,
0.3276

■ 19.9809, 0.3828,
0.3276

■ 16.4802, 0.4161,
0.3272

■ 24.1849, 0.3556,
0.3280

■ 13.6419, 0.4558,
0.3269

■ 29.1248, 0.3336,
0.3285

■ 11.4251, 0.5006,
0.3268


■ 34.8343, 0.3160,
0.3289

■ 9.7832, 0.5473,
0.3270


■ 41.3444, 0.3018,
0.3293


■ 8.6631, 0.5898,
0.3276

■ 48.6843, 0.2904,
0.3297


 8.0019, 0.6213,
0.3285

 56.8818, 0.2811,
0.3300

 7.6899, 0.6377,
0.3287

 65.9633, 0.2735,
0.3303

 75.9541, 0.2672,
0.3306

 86.3597, 0.2619,
0.3299

Harmonies

Analogous

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



19.9809, 0.3501, 0.2964



19.9809, 0.3828, 0.3276



19.9809, 0.3952, 0.3610

Triad

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



19.9809, 0.3828, 0.3276



19.9809, 0.3129, 0.3949



19.9809, 0.2448, 0.2673

Complementary

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



19.9809, 0.3828, 0.3276



31.7352, 0.2686, 0.3305

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.



19.9809, 0.2366, 0.2888



19.9809, 0.3828, 0.3276



19.9809, 0.2742, 0.3646

Square

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



19.9809, 0.3828, 0.3276



19.9809, 0.3532, 0.4032



19.9809, 0.2469, 0.3242



19.9809, 0.2701, 0.2625

Rectangle

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



19.9809, 0.3828, 0.3276



19.9809, 0.3901, 0.3809



19.9809, 0.2469, 0.3242



19.9809, 0.2400, 0.2727

Sweetspot

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



19.9819, 0.3828, 0.3276



54.7392, 0.3299, 0.3286



21.2631, 0.3143, 0.2507



11.9986, 0.3325, 0.3285



82.7571, 0.3127, 0.3290



14.7319, 0.3127, 0.3290

Same Dimension

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



19.9819, 0.3828, 0.3276



31.3040, 0.4077, 0.3273



25.9345, 0.3723, 0.3674



7.0881, 0.3282, 0.3286



6.0577, 0.6374, 0.3285



0.1279, 0.6247, 0.3215

Inverse Universe

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



19.9819, 0.3828, 0.3276



31.3040, 0.4077, 0.3273



24.0266, 0.2629, 0.2871



7.0881, 0.3282, 0.3286



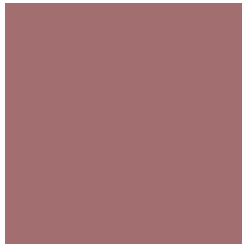
6.0577, 0.6374, 0.3285



0.1279, 0.6247, 0.3215

Previews

White Background



This preview shows how the Yxy color 19.9809, 0.3828, 0.3276 looks on a white background.

Color Contrast Check

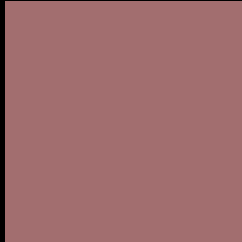
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.9809, 0.3828, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

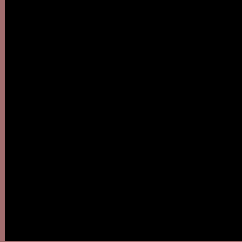
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.9809, 0.3828, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 19.9809, 0.3828, 0.3276.



This preview shows how white text looks on a background with the Yxy color 19.9809, 0.3828, 0.3276.

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

19.9809, 0.3828, 0.3276

Protanopia

19.9859, 0.3234, 0.3383

Deuteranopia

19.9605, 0.3535, 0.3468



Tritanopia

20.0082, 0.3761, 0.3164

Trichromacy



Original Color

19.9809, 0.3828, 0.3276

Protanomaly

19.7701, 0.3449, 0.3344

Deuteranomaly

20.0061, 0.3640, 0.3394

Tritanomaly

19.9616, 0.3790, 0.3196

Monochromacy



Original Color

19.9809, 0.3828, 0.3276

Achromatopsia

20.8637, 0.3127, 0.3290

Achromatomaly

20.3024, 0.3356, 0.3273

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.9809, 0.3828, 0.3276 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(162, 110, 111)` looks like.

```
.text, #text, p{  
    color:rgb(162, 110, 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(162, 110, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 110, 111) }
```

Border

The CSS property to change the border of an element to Yxy 19.9809, 0.3828, 0.3276 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(162, 110, 111) }
```

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

```
.border{ border-color:rgb(162, 110, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 110, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 110, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 110, 111);  
box-shadow:4px 4px 4px 4px rgb(162, 110,  
111) }
```


Background

The CSS property to change the background color of an element to Yxy 19.9809, 0.3828, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 110, 111) }
```

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

```
.background{ background-color: rgb(162,  
110, 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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