

Converting Colors

$Y_{xy}(16.0360, 0.3841, 0.3129)$

Have a look what the booklet for
Yxy(16.0360, 0.3841, 0.3129)
contains.

Yxy(16.0611, 0.3846, 0.3139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(16.0611, 0.3846, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	986069
RGB	152, 96, 105
RGB Percent	60%, 38%, 41%
CMY	0.4040, 0.6235, 0.5882
CMYK	0.00, 0.37, 0.31, 0.40
HSL	350°, 23%, 49%
HSV	350°, 37%, 60%
XYZ	19.6786, 16.0611, 15.4266
YIQ	113.7700, 30.4870, 14.6710

Conversions

Conversions Part 2

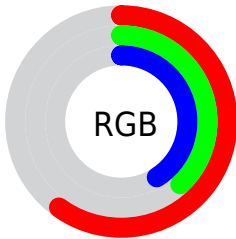
Format	Color
R_{YB}	152, 96, 105
Decimal	9986153
CIE _{Lab}	47.05, 24.01, 4.45
CIE _{LCh}	47, 24.416, 10.504
Yxy	16.0611, 0.3846, 0.3139
Android (android.graphics.Color)	4288176233 (0xFF986069)
YUV	113.7700, -4.3236, 33.5277
Hunter-Lab	40.0763, 17.5148, 5.2308

Details

The Yxy color **16.0611, 0.3846, 0.3139** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.9205, 0.2693, 0.3451**, and the grayscale version is **16.7616, 0.3127, 0.3290**.

A 20% lighter version of the original color is **36.6776, 0.3678, 0.3178**, and **5.0720, 0.4183, 0.3046** is the 20% darker color. If you saturate the color by 10%, you get **13.3081, 0.4150, 0.3100**, and if you desaturate by 10%, it is **19.3912, 0.3594, 0.3181**.

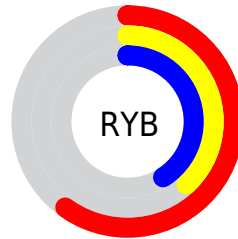
Distribution



Red (60%)

Green (38%)

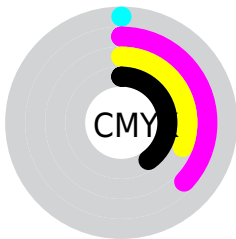
Blue (41%)



Red (60%)

Yellow (38%)

Blue (41%)

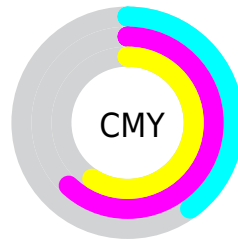


Cyan (0%)

Magenta (37%)

Yellow (31%)

Black (40%)



Cyan (40%)


Magenta (62%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 16.0611, 0.3846, 0.3139 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 16.0611, 0.3846, 0.3139 by changing the saturation by 10% instead.


 16.0611, 0.3846,
0.3139


 16.0611, 0.3846,
0.3139


229.7020, 0.3421,
0.3233


 9.5674, 0.3983,
0.3106


 36.7042, 0.3672,
0.3179


 5.1131, 0.4182,
0.3055

 51.6225, 0.3613,
0.3193

 2.3138, 0.4500,
0.2968

 70.1177, 0.3565,
0.3203

 0.7810, 0.5196,
0.2842

 92.5742, 0.3526,
0.3211

 0.0000, 1.0000,
0.0000

119.3766, 0.3493,
0.3218

 0.0000, 0.0000,
0.0000

150.9090, 0.3466,

0.3224

187.5560, 0.3442,
0.3229

■ 16.0611, 0.3846,
0.3139

■ 16.0611, 0.3846,
0.3139

■ 13.3081, 0.4150,
0.3100

■ 19.3912, 0.3594,
0.3181

■ 11.0971, 0.4507,
0.3068

■ 23.3262, 0.3389,
0.3224

■ 9.3928, 0.4908,
0.3051


■ 27.8949, 0.3222,
0.3264

■ 8.1547, 0.5328,
0.3056


■ 33.1236, 0.3087,
0.3302


■ 7.3362, 0.5726,
0.3089


■ 39.0372, 0.2978,
0.3336


 6.8642, 0.6052,
0.3144

 45.6592, 0.2888,
0.3368

 6.7410, 0.6142,
0.3157

 53.0119, 0.2815,
0.3396

 61.1168, 0.2754,
0.3422

 69.9945, 0.2704,
0.3446

Harmonies

Analogous

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



16.0611, 0.3402, 0.2805



16.0611, 0.3846, 0.3139



16.0611, 0.4084, 0.3524

Triad

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



16.0611, 0.3846, 0.3139



16.0611, 0.3287, 0.4142



16.0611, 0.2280, 0.2628

Complementary

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



16.0611, 0.3846, 0.3139



26.9205, 0.2693, 0.3451

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.



16.0611, 0.2256, 0.2935



16.0611, 0.3846, 0.3139



16.0611, 0.2813, 0.3860

Square

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



16.0611, 0.3846, 0.3139



16.0611, 0.3738, 0.4133



16.0611, 0.2443, 0.3392



16.0611, 0.2508, 0.2513

Rectangle

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



16.0611, 0.3846, 0.3139



16.0611, 0.4085, 0.3775



16.0611, 0.2443, 0.3392



16.0611, 0.2249, 0.2710

Sweetspot

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



16.0619, 0.3846, 0.3139



45.5692, 0.3291, 0.3247



16.4436, 0.3046, 0.2372



10.1317, 0.3312, 0.3242



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.



16.0619, 0.3846, 0.3139



24.3758, 0.4086, 0.3107



19.7046, 0.3873, 0.3608



6.2381, 0.3259, 0.3255



5.6571, 0.6128, 0.3150



0.0882, 0.5285, 0.2685

Inverse Universe

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



16.0619, 0.3846, 0.3139



24.3758, 0.4086, 0.3107



21.6181, 0.2578, 0.2945



6.2381, 0.3259, 0.3255



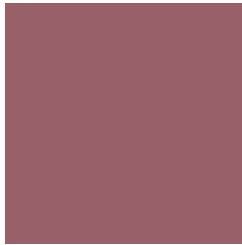
5.6571, 0.6128, 0.3150



0.0882, 0.5285, 0.2685

Previews

White Background



This preview shows how the Yxy color 16.0611, 0.3846, 0.3139 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 16.0611, 0.3846, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

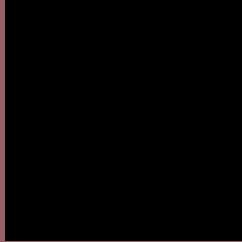
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.0611, 0.3846, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 16.0611, 0.3846, 0.3139.



This preview shows how white text looks on a background with the Yxy color 16.0611, 0.3846, 0.3139.

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

16.0611, 0.3846, 0.3139

Protanopia

16.0945, 0.3117, 0.3230

Deuteranopia

16.1400, 0.3446, 0.3388



Tritanopia

16.0204, 0.3878, 0.3173

Trichromacy



Original Color

16.0611, 0.3846, 0.3139

Protanomaly

15.9678, 0.3356, 0.3195

Deuteranomaly

16.0510, 0.3576, 0.3291

Tritanomaly

16.0406, 0.3862, 0.3156

Monochromacy



Original Color

16.0611, 0.3846, 0.3139

Achromatopsia

16.8269, 0.3127, 0.3290

Achromatomaly

16.2523, 0.3368, 0.3214

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.0611, 0.3846, 0.3139 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(152, 96, 105)` looks like.

```
.text, #text, p{  
  color:rgb(152, 96, 105)  
}
```

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(152, 96, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 96, 105) }
```

Border

The CSS property to change the border of an element to Yxy 16.0611, 0.3846, 0.3139 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(152, 96, 105) }
```

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

```
.border{ border-color:rgb(152, 96, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(152, 96, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(152, 96, 105); -webkit-box-shadow:4px 4px 4px 4px rgb(152, 96, 105); box-shadow:4px 4px 4px 4px rgb(152, 96, 105) }
```


Background

The CSS property to change the background color of an element to Yxy 16.0611, 0.3846, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 96, 105) }
```

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

```
.background{ background-color: rgb(152, 96,  
105) }
```

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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