

Converting Colors

$Y_{xy}(16.6185, 0.3817, 0.3279)$

Have a look what the booklet for
Yxy(16.6185, 0.3817, 0.3279)
contains.

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Color

Yxy(16.5626, 0.3809, 0.3275)

Conversions

Conversions Part 1

Format	Color
Hex	946566
RGB	148, 101, 102
RGB Percent	58%, 40%, 40%
CMY	0.4196, 0.6039, 0.6001
CMYK	0.00, 0.32, 0.31, 0.42
HSL	359°, 19%, 49%
HSV	359°, 32%, 58%
XYZ	19.2632, 16.5626, 14.7470
YIQ	115.1670, 27.6910, 10.2750

Conversions

Conversions Part 2

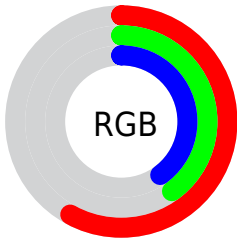
Format	Color
R_{YB}	148, 101, 102
Decimal	9725286
CIE Lab	47.70, 19.11, 7.12
CIE LCh	48, 20.396, 20.447
Yxy	16.5626, 0.3809, 0.3275
Android (android.graphics.Color)	4287915366 (0xFF946566)
YUV	115.1670, -6.4913, 28.7945
Hunter-Lab	40.6972, 13.2693, 7.0037

Details

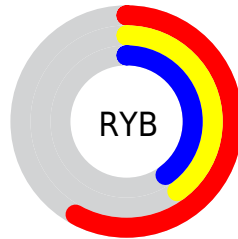
The Yxy color **16.5626, 0.3809, 0.3275** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.0525, 0.2694, 0.3306**, and the grayscale version is **17.2116, 0.3127, 0.3290**.

A 20% lighter version of the original color is **37.4529, 0.3642, 0.3279**, and **5.4010, 0.4133, 0.3267** is the 20% darker color. If you saturate the color by 10%, you get **13.6806, 0.4135, 0.3271**, and if you desaturate by 10%, it is **20.0140, 0.3542, 0.3280**.

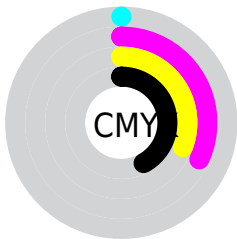
Distribution



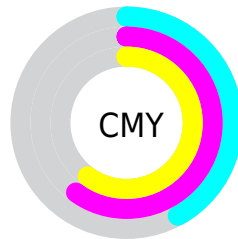
- Red (58%)
- Green (40%)
- Blue (40%)



- Red (58%)
- Yellow (40%)
- Blue (40%)



- Cyan (0%)
- Magenta (32%)
- Yellow (31%)
- Black (42%)





- Cyan (42%)
- Magenta (60%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 16.5626, 0.3809, 0.3275 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 16.5626, 0.3809, 0.3275 by changing the saturation by 10% instead.


 16.5626, 0.3809,
0.3275


 16.5626, 0.3809,
0.3275


232.6390, 0.3407,
0.3291


 9.9231, 0.3938,
0.3266


 37.5722, 0.3644,
0.3284


 5.3480, 0.4126,
0.3249


 52.7111, 0.3588,
0.3286

 2.4529, 0.4424,
0.3213


 71.4519, 0.3543,
0.3288

 0.8529, 0.5138,
0.3231

 94.1791, 0.3506,
0.3289

 0.0000, 1.0000,
0.0000


121.2770, 0.3475,
0.3290


 0.0000, 0.0000,
0.0000


153.1300, 0.3449,


0.3290


190.1226, 0.3426,
0.3291


 16.5626, 0.3809,
0.3275


 16.5626, 0.3809,
0.3275


 13.6806, 0.4135,
0.3271


 20.0140, 0.3542,
0.3280


 11.3352, 0.4524,
0.3267


 24.0606, 0.3327,
0.3285


 9.4939, 0.4965,
0.3266


 28.7294, 0.3154,
0.3289


 8.1199, 0.5428,
0.3268


 34.0451, 0.3014,
0.3294


 7.1711, 0.5857,
0.3273

 40.0311, 0.2902,
0.3297


 6.5981, 0.6185,
0.3282

 46.7096, 0.2810,
0.3301

 6.3021, 0.6372,
0.3284

 54.1017, 0.2735,
0.3304

 62.2277, 0.2673,
0.3307

 71.1071, 0.2621,
0.3310

Harmonies

Analogous

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



16.5626, 0.3489, 0.2969



16.5626, 0.3809, 0.3275



16.5626, 0.3932, 0.3601

Triad

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



16.5626, 0.3809, 0.3275



16.5626, 0.3132, 0.3933



16.5626, 0.2462, 0.2689

Complementary

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



16.5626, 0.3809, 0.3275



26.0525, 0.2694, 0.3306

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.



16.5626, 0.2383, 0.2900



16.5626, 0.3809, 0.3275



16.5626, 0.2753, 0.3639

Square

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



16.5626, 0.3809, 0.3275



16.5626, 0.3525, 0.4013



16.5626, 0.2485, 0.3246



16.5626, 0.2709, 0.2640

Rectangle

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



16.5626, 0.3809, 0.3275



16.5626, 0.3883, 0.3796



16.5626, 0.2485, 0.3246



16.5626, 0.2416, 0.2742

Sweetspot

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



16.5634, 0.3809, 0.3275



43.6601, 0.3298, 0.3285



17.5973, 0.3143, 0.2522



9.7399, 0.3322, 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.



16.5634, 0.3809, 0.3275



25.5595, 0.4031, 0.3272



21.3850, 0.3710, 0.3667



5.8172, 0.3279, 0.3286



5.3840, 0.6370, 0.3283



0.0663, 0.6218, 0.3199

Inverse Universe

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



16.5634, 0.3809, 0.3275



25.5595, 0.4031, 0.3272



19.8442, 0.2638, 0.2880



5.8172, 0.3279, 0.3286



5.3840, 0.6370, 0.3283



0.0663, 0.6218, 0.3199

Previews

White Background



This preview shows how the Yxy color 16.5626, 0.3809, 0.3275 looks on a white background.

Color Contrast Check

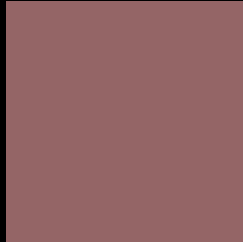
Large Text (above 18pt) WCAG AA ✓ Pass

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 16.5626, 0.3809, 0.3275 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

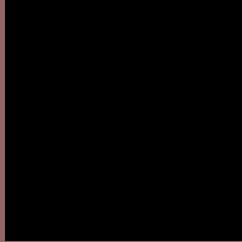
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Yxy 16.5626, 0.3809, 0.3275

Background



This preview shows how black text looks on a background with the Yxy color 16.5626, 0.3809, 0.3275.

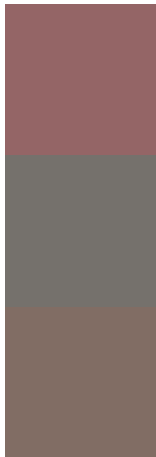


This preview shows how white text looks on a background with the Yxy color 16.5626, 0.3809, 0.3275.

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

16.5626, 0.3809, 0.3275

Protanopia

16.6749, 0.3242, 0.3390

Deuteranopia

16.5245, 0.3526, 0.3464



Tritanopia

16.5866, 0.3737, 0.3153

Trichromacy



Original Color

16.5626, 0.3809, 0.3275

Protanomaly

16.5671, 0.3430, 0.3348

Deuteranomaly

16.4819, 0.3625, 0.3384

Tritanomaly

16.5445, 0.3768, 0.3188

Monochromacy



Original Color

16.5626, 0.3809, 0.3275

Achromatopsia

17.1441, 0.3127, 0.3290

Achromatomaly

16.7897, 0.3360, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 16.5626, 0.3809, 0.3275 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(148, 101, 102)` looks like.

```
.text, #text, p{  
    color:rgb(148, 101, 102)  
}
```

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(148, 101, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 101, 102) }
```

Border

The CSS property to change the border of an element to Yxy 16.5626, 0.3809, 0.3275 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(148, 101, 102) }
```

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

```
.border{ border-color:rgb(148, 101, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 101, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 101, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 101, 102);  
box-shadow:4px 4px 4px 4px rgb(148, 101,  
102) }
```


Background

The CSS property to change the background color of an element to Yxy 16.5626, 0.3809, 0.3275 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 101, 102) }
```

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

```
.background{ background-color: rgb(148,  
101, 102) }
```

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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