

Converting Colors

$Y_{xy}(17.5941, 0.3756, 0.2959)$

Have a look what the booklet for
Yxy(17.5941, 0.3756, 0.2959)
contains.

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Color

Yxy(17.6443, 0.3750, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	A16277
RGB	161, 98, 119
RGB Percent	63%, 38%, 47%
CMY	0.3687, 0.6156, 0.5334
CMYK	0.00, 0.39, 0.26, 0.37
HSL	340°, 25%, 51%
HSV	340°, 39%, 63%
XYZ	22.3912, 17.6443, 19.6744
YIQ	119.2310, 30.8070, 19.8870

Conversions

Conversions Part 2

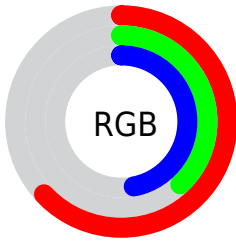
Format	Color
R_{YB}	161, 98, 119
Decimal	10576503
CIE _{Lab}	49.06, 28.37, -0.89
CIE _{LCh}	49, 28.379, 358.196
Yxy	17.6443, 0.3750, 0.2955
Android (android.graphics.Color)	4288766583 (0xFFA16277)
YUV	119.2310, -0.1139, 36.6314
Hunter-Lab	42.0051, 21.6422, 1.6332

Details

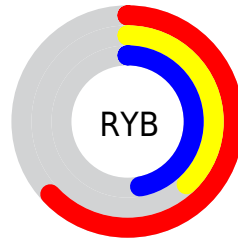
The Yxy color **17.6443, 0.3750, 0.2955** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **29.9729, 0.2749, 0.3660**, and the grayscale version is **18.5184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **39.5047, 0.3604, 0.3037**, and **5.9243, 0.4021, 0.2815** is the 20% darker color. If you saturate the color by 10%, you get **14.6854, 0.3995, 0.2872**, and if you desaturate by 10%, it is **21.2399, 0.3544, 0.3043**.

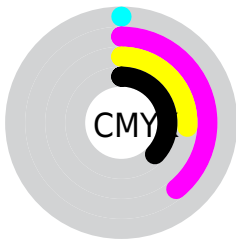
Distribution



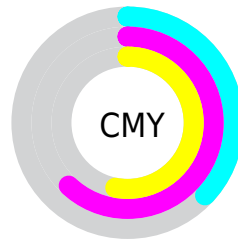
- Red (63%)
- Green (38%)
- Blue (47%)



- Red (63%)
- Yellow (38%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (26%)
- Black (37%)





- Cyan (37%)
- Magenta (62%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 17.6443, 0.3750, 0.2955 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 17.6443, 0.3750, 0.2955 by changing the saturation by 10% instead.


 17.6443, 0.3750,
0.2955


 17.6443, 0.3750,
0.2955


238.8584, 0.3390,
0.3148

 10.6949, 0.3862,
0.2896


 39.4303, 0.3605,
0.3033


 5.8621, 0.4022,
0.2811

 55.0357, 0.3555,
0.3059

 2.7614, 0.4269,
0.2681

 74.2952, 0.3514,
0.3081

 1.0085, 0.4699,
0.2457

 97.5932, 0.3481,
0.3099

 0.0000, 1.0000,
0.0000

125.3142, 0.3452,
0.3114

 0.0000, 0.0000,
0.0000

157.8424, 0.3428,

0.3127

195.5624, 0.3408,
0.3138

■ 17.6443, 0.3750,
0.2955

■ 17.6443, 0.3750,
0.2955

■ 14.6854, 0.3995,
0.2872

■ 21.2399, 0.3544,
0.3043

■ 12.3232, 0.4280,
0.2803

■ 25.5040, 0.3373,
0.3132

■ 10.5170, 0.4599,
0.2758


■ 30.4694, 0.3233,
0.3217

■ 9.2200, 0.4939,
0.2750


■ 36.1660, 0.3118,
0.3297


■ 8.3774, 0.5276,
0.2786

■ 42.6219, 0.3024,
0.3371

 7.8775, 0.5588,
0.2861

 49.8637, 0.2946,
0.3440

 7.8374, 0.5616,
0.2867

 57.9168, 0.2882,
0.3502

 66.8053, 0.2830,
0.3559

 76.5524, 0.2786,
0.3611

Harmonies

Analogous

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



17.6443, 0.3202, 0.2630



17.6443, 0.3750, 0.2955



17.6443, 0.4133, 0.3366

Triad

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



17.6443, 0.3750, 0.2955



17.6443, 0.3520, 0.4289



17.6443, 0.2145, 0.2660

Complementary

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



17.6443, 0.3750, 0.2955



29.9729, 0.2749, 0.3660

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.



17.6443, 0.2212, 0.3081



17.6443, 0.3750, 0.2955



17.6443, 0.2981, 0.4108

Square

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



17.6443, 0.3750, 0.2955



17.6443, 0.3976, 0.4143



17.6443, 0.2507, 0.3632



17.6443, 0.2306, 0.2449

Rectangle

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



17.6443, 0.3750, 0.2955



17.6443, 0.4223, 0.3653



17.6443, 0.2507, 0.3632



17.6443, 0.2142, 0.2778

Sweetspot

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



17.6451, 0.3750, 0.2955



51.6762, 0.3274, 0.3191



16.8859, 0.2908, 0.2272



11.0961, 0.3290, 0.3181



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.



17.6451, 0.3750, 0.2955



26.9003, 0.3963, 0.2882



19.2902, 0.4005, 0.3462



7.1231, 0.3235, 0.3215



6.2684, 0.5594, 0.2855



0.1402, 0.4635, 0.2327

Inverse Universe

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



17.6451, 0.3750, 0.2955



26.9003, 0.3963, 0.2882



27.1375, 0.2570, 0.3107



7.1231, 0.3235, 0.3215



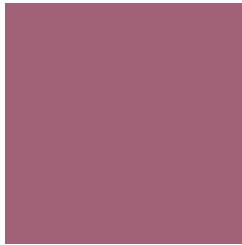
6.2684, 0.5594, 0.2855



0.1402, 0.4635, 0.2327

Previews

White Background



This preview shows how the Yxy color 17.6443, 0.3750, 0.2955 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 17.6443, 0.3750, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

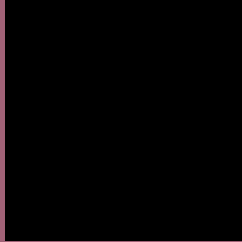
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 17.6443, 0.3750, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 17.6443, 0.3750, 0.2955.



This preview shows how white text looks on a background with the Yxy color 17.6443, 0.3750, 0.2955.

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

17.6443, 0.3750, 0.2955

Protanopia

17.7473, 0.2954, 0.3022

Deuteranopia

17.6604, 0.3289, 0.3234



Tritanopia

17.6706, 0.3894, 0.3162

Trichromacy



Original Color

17.6443, 0.3750, 0.2955

Protanomaly

17.3492, 0.3222, 0.2981

Deuteranomaly

17.5849, 0.3451, 0.3130

Tritanomaly

17.5671, 0.3838, 0.3081

Monochromacy



Original Color

17.6443, 0.3750, 0.2955

Achromatopsia

18.4475, 0.3127, 0.3290

Achromatomaly

17.7691, 0.3335, 0.3145

CSS Examples

Text

The CSS property to change the color of the text to Yxy 17.6443, 0.3750, 0.2955 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, 98, 119)` looks like.

```
.text, #text, p{  
    color:rgb(161, 98, 119)  
}
```

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, 98, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 98, 119) }
```

Border

The CSS property to change the border of an element to Yxy 17.6443, 0.3750, 0.2955 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, 98, 119) }
```

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

```
.border{ border-color:rgb(161, 98, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 98, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 98, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 98, 119);  
box-shadow:4px 4px 4px 4px rgb(161, 98,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 17.6443, 0.3750, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 98, 119) }
```

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

```
.background{ background-color: rgb(161, 98,  
119) }
```

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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