

Converting Colors

$Y_{xy}(18.7959, 0.3967, 0.3146)$

Have a look what the booklet for
Yxy(18.7959, 0.3967, 0.3146)
contains.

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Color

Yxy(18.7580, 0.3969, 0.3152)

Conversions

Conversions Part 1

Format	Color
Hex	A8656E
RGB	168, 101, 110
RGB Percent	66%, 40%, 43%
CMY	0.3411, 0.6039, 0.5685
CMYK	0.00, 0.40, 0.35, 0.34
HSL	352°, 28%, 53%
HSV	352°, 40%, 66%
XYZ	23.6201, 18.7580, 17.1333
YIQ	122.0590, 37.0430, 17.0030

Conversions

Conversions Part 2

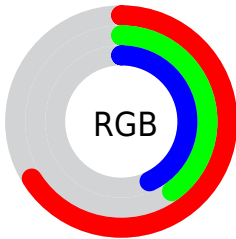
Format	Color
R_{YB}	168, 101, 110
Decimal	11036014
CIE Lab	50.40, 28.13, 6.51
CIE LCh	50, 28.878, 13.033
Yxy	18.7580, 0.3969, 0.3152
Android (android.graphics.Color)	4289226094 (0xFFA8656E)
YUV	122.0590, -5.9451, 40.2903
Hunter-Lab	43.3105, 21.5545, 6.8626

Details

The Yxy color **18.7580, 0.3969, 0.3152** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **33.2805, 0.2648, 0.3439**, and the grayscale version is **19.4938, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.3632, 0.3778, 0.3197**, and **6.3923, 0.4334, 0.3056** is the 20% darker color. If you saturate the color by 10%, you get **15.5321, 0.4305, 0.3121**, and if you desaturate by 10%, it is **22.7047, 0.3689, 0.3187**.

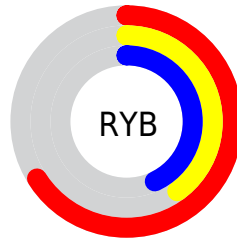
Distribution



Red (66%)

Green (40%)

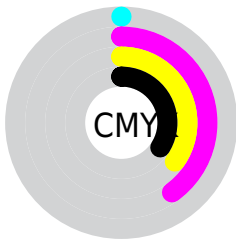
Blue (43%)



Red (66%)

Yellow (40%)

Blue (43%)

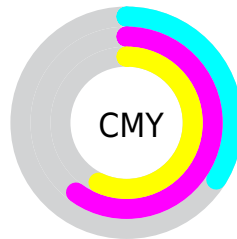


Cyan (0%)

Magenta (40%)

Yellow (35%)

Black (34%)



Cyan (34%)


Magenta (60%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 18.7580, 0.3969, 0.3152 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 18.7580, 0.3969, 0.3152 by changing the saturation by 10% instead.


 18.7580, 0.3969,
0.3152


 18.7580, 0.3969,
0.3152


245.1095, 0.3481,
0.3240


 11.4955, 0.4120,
0.3121


 41.3248, 0.3772,
0.3190

 6.4012, 0.4334,
0.3073


 57.3979, 0.3705,
0.3202

 3.0905, 0.4663,
0.2992


 77.1767, 0.3650,
0.3212

 1.1792, 0.5237,
0.2840

 101.0455, 0.3605,
0.3220

 0.0446, 0.9424,
0.0576

129.3888, 0.3566,
0.3226

 0.0000, 0.0000,
0.0000

162.5910, 0.3534,

0.3232

201.0364, 0.3506,
0.3236

■ 18.7580, 0.3969,
0.3152

■ 18.7580, 0.3969,
0.3152

■ 15.5321, 0.4305,
0.3121

■ 22.7047, 0.3689,
0.3187

■ 12.9807, 0.4695,
0.3099

■ 27.4091, 0.3460,
0.3223

■ 11.0566, 0.5122,
0.3092


■ 32.9092, 0.3275,
0.3258


■ 9.7053, 0.5550,
0.3107


■ 39.2394, 0.3126,
0.3290

■ 8.8627, 0.5927,
0.3147

■ 46.4321, 0.3005,
0.3320


 8.3916, 0.6210,
0.3196

 54.5181, 0.2906,
0.3348

 8.3870, 0.6213,
0.3196

 63.5266, 0.2826,
0.3372

 73.4853, 0.2760,
0.3395

 84.4211, 0.2706,
0.3415

Harmonies

Analogous

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



18.7580, 0.3480, 0.2777



18.7580, 0.3969, 0.3152



18.7580, 0.4211, 0.3579

Triad

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



18.7580, 0.3969, 0.3152



18.7580, 0.3254, 0.4241



18.7580, 0.2199, 0.2531

Complementary

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



18.7580, 0.3969, 0.3152



33.2805, 0.2648, 0.3439

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.



18.7580, 0.2153, 0.2850



18.7580, 0.3969, 0.3152



18.7580, 0.2731, 0.3896

Square

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



18.7580, 0.3969, 0.3152



18.7580, 0.3768, 0.4248



18.7580, 0.2337, 0.3353



18.7580, 0.2467, 0.2426

Rectangle

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



18.7580, 0.3969, 0.3152



18.7580, 0.4190, 0.3855



18.7580, 0.2337, 0.3353



18.7580, 0.2158, 0.2613

Sweetspot

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



18.7589, 0.3969, 0.3152



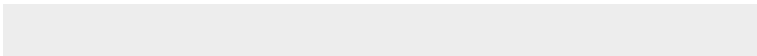
57.2491, 0.3315, 0.3250



19.3991, 0.3050, 0.2292



12.2026, 0.3337, 0.3246



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



18.7589, 0.3969, 0.3152



28.7136, 0.4268, 0.3124



23.7948, 0.3957, 0.3655



7.5582, 0.3265, 0.3260



6.3368, 0.6195, 0.3186



0.1590, 0.5529, 0.2819

Inverse Universe

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



18.7589, 0.3969, 0.3152



28.7136, 0.4268, 0.3124



25.7101, 0.2526, 0.2888



7.5582, 0.3265, 0.3260



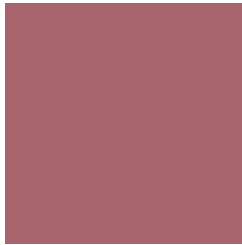
6.3368, 0.6195, 0.3186



0.1590, 0.5529, 0.2819

Previews

White Background



This preview shows how the Yxy color 18.7580, 0.3969, 0.3152 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 18.7580, 0.3969, 0.3152 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

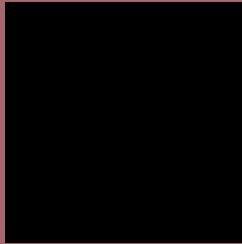
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 18.7580, 0.3969, 0.3152

Background



This preview shows how black text looks on a background with the Yxy color 18.7580, 0.3969, 0.3152.



This preview shows how white text looks on a background with the Yxy color 18.7580, 0.3969, 0.3152.

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

18.7580, 0.3969, 0.3152

Protanopia

18.9266, 0.3152, 0.3290

Deuteranopia

18.8707, 0.3518, 0.3455



Tritanopia

18.7363, 0.3984, 0.3168

Trichromacy



Original Color

18.7580, 0.3969, 0.3152

Protanomaly

18.5602, 0.3437, 0.3237

Deuteranomaly

18.7475, 0.3675, 0.3343

Tritanomaly

18.7363, 0.3984, 0.3168

Monochromacy



Original Color

18.7580, 0.3969, 0.3152

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

18.8316, 0.3408, 0.3220

CSS Examples

Text

The CSS property to change the color of the text to Yxy 18.7580, 0.3969, 0.3152 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(168, 101, 110)` looks like.

```
.text, #text, p{  
    color:rgb(168, 101, 110)  
}
```

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(168, 101, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 101, 110) }
```

Border

The CSS property to change the border of an element to Yxy 18.7580, 0.3969, 0.3152 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(168, 101, 110) }
```

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

```
.border{ border-color:rgb(168, 101, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 101, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 101, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 101, 110);  
box-shadow:4px 4px 4px 4px rgb(168, 101,  
110) }
```


Background

The CSS property to change the background color of an element to Yxy 18.7580, 0.3969, 0.3152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 101, 110) }
```

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

```
.background{ background-color: rgb(168,  
101, 110) }
```

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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