

Converting Colors

$Y_{xy}(19.3550, 0.3569, 0.2852)$

Have a look what the booklet for
Yxy(19.3550, 0.3569, 0.2852)
contains.

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Color

Yxy(19.3531, 0.3569, 0.2852)

Conversions

Conversions Part 1

Format	Color
Hex	A36884
RGB	163, 104, 132
RGB Percent	64%, 41%, 52%
CMY	0.3608, 0.5921, 0.4824
CMYK	0.00, 0.36, 0.19, 0.36
HSL	332°, 24%, 52%
HSV	332°, 36%, 64%
XYZ	24.2185, 19.3531, 24.2864
YIQ	124.8330, 26.1760, 21.2160

Conversions

Conversions Part 2

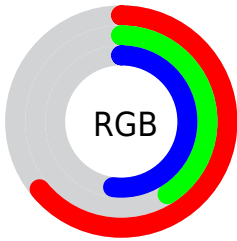
Format	Color
RYB	163, 104, 132
Decimal	10709124
CIELab	51.10, 27.77, -5.61
CIELCh	51, 28.331, 348.588
Yxy	19.3531, 0.3569, 0.2852
Android (android.graphics.Color)	4288899204 (0xFFA36884)
YUV	124.8330, 3.5333, 33.4725
Hunter-Lab	43.9922, 21.2814, -1.9372

Details

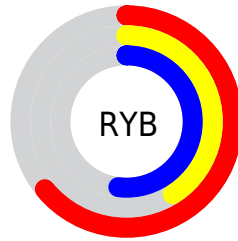
The Yxy color **19.3531, 0.3569, 0.2852** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **30.8863, 0.2836, 0.3779**, and the grayscale version is **20.4310, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.3398, 0.3471, 0.2948**, and **6.6719, 0.3742, 0.2668** is the 20% darker color. If you saturate the color by 10%, you get **16.1585, 0.3748, 0.2731**, and if you desaturate by 10%, it is **23.2030, 0.3417, 0.2977**.

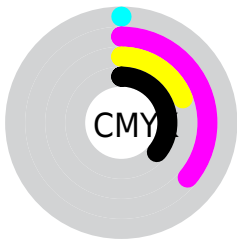
Distribution



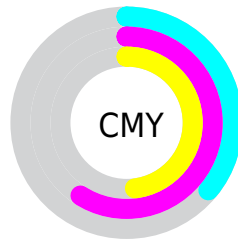
- Red (64%)
- Green (41%)
- Blue (52%)



- Red (64%)
- Yellow (41%)
- Blue (52%)



- Cyan (0%)
- Magenta (36%)
- Yellow (19%)
- Black (36%)





- Cyan (36%)
- Magenta (59%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3531, 0.3569, 0.2852 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 19.3531, 0.3569, 0.2852 by changing the saturation by 10% instead.


 19.3531, 0.3569,
0.2852


 19.3531, 0.3569,
0.2852


248.3912, 0.3320,
0.3096


 11.9257, 0.3643,
0.2781


 42.3299, 0.3470,
0.2947


 6.6931, 0.3747,
0.2683


 58.6481, 0.3436,
0.2981

 3.2709, 0.3903,
0.2540

 78.6987, 0.3408,
0.3009

 1.2748, 0.4161,
0.2308

 102.8660, 0.3384,
0.3032

 0.1215, 0.5513,
0.0844

131.5346, 0.3364,
0.3052

 0.0000, 0.0000,
0.0000

165.0887, 0.3347,

0.3068

203.9128, 0.3332,
0.3083

■ 19.3531, 0.3569,
0.2852

■ 19.3531, 0.3569,
0.2852

■ 16.1585, 0.3748,
0.2731

■ 23.2030, 0.3417,
0.2977

■ 13.5793, 0.3954,
0.2623

■ 27.7398, 0.3290,
0.3101

■ 11.5756, 0.4186,
0.2538


■ 32.9960, 0.3184,
0.3220

■ 10.1014, 0.4437,
0.2488


■ 39.0015, 0.3096,
0.3332

■ 9.1036, 0.4696,
0.2484

■ 45.7843, 0.3023,
0.3436


 8.5090, 0.4950,
0.2531

 53.3712, 0.2963,
0.3532

 8.3267, 0.5047,
0.2554

 61.7874, 0.2913,
0.3621

 71.0572, 0.2872,
0.3702

 81.2040, 0.2838,
0.3776

Harmonies

Analogous

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



19.3531, 0.3027, 0.2575



19.3531, 0.3569, 0.2852



19.3531, 0.4010, 0.3232

Triad

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



19.3531, 0.3569, 0.2852



19.3531, 0.3666, 0.4242



19.3531, 0.2170, 0.2791

Complementary

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



19.3531, 0.3569, 0.2852



30.8863, 0.2836, 0.3779

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.



19.3531, 0.2308, 0.3253



19.3531, 0.3569, 0.2852



19.3531, 0.3154, 0.4172

Square

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



19.3531, 0.3569, 0.2852



19.3531, 0.4052, 0.4025



19.3531, 0.2659, 0.3788



19.3531, 0.2256, 0.2517

Rectangle

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



19.3531, 0.3569, 0.2852



19.3531, 0.4164, 0.3511



19.3531, 0.2659, 0.3788



19.3531, 0.2191, 0.2927

Sweetspot

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



19.3540, 0.3569, 0.2852



54.2120, 0.3234, 0.3161



17.6545, 0.2823, 0.2321



11.9077, 0.3248, 0.3146



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.



19.3540, 0.3569, 0.2852



30.2064, 0.3702, 0.2759



18.8870, 0.3968, 0.3308



7.1393, 0.3214, 0.3184



6.4807, 0.5026, 0.2542



0.1457, 0.4219, 0.2098

Inverse Universe

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



19.3540, 0.3569, 0.2852



30.2064, 0.3702, 0.2759



31.4332, 0.2628, 0.3272



7.1393, 0.3214, 0.3184



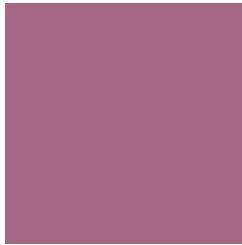
6.4807, 0.5026, 0.2542



0.1457, 0.4219, 0.2098

Previews

White Background



This preview shows how the Yxy color 19.3531, 0.3569, 0.2852 looks on a white background.

Color Contrast Check

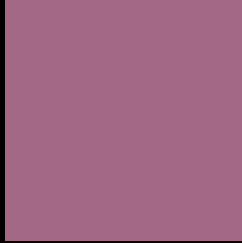
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3531, 0.3569, 0.2852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

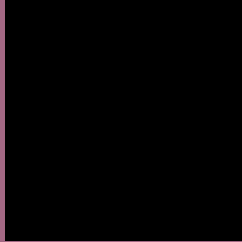
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3531, 0.3569, 0.2852

Background



This preview shows how black text looks on a background with the Yxy color 19.3531, 0.3569, 0.2852.



This preview shows how white text looks on a background with the Yxy color 19.3531, 0.3569, 0.2852.

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

19.3531, 0.3569, 0.2852

Protanopia

19.5095, 0.2854, 0.2890

Deuteranopia

19.6039, 0.3160, 0.3110



Tritanopia

19.3303, 0.3772, 0.3163

Trichromacy



Original Color

19.3531, 0.3569, 0.2852

Protanomaly

19.1939, 0.3084, 0.2871

Deuteranomaly

19.4860, 0.3308, 0.3016

Tritanomaly

19.3699, 0.3704, 0.3052

Monochromacy



Original Color

19.3531, 0.3569, 0.2852

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

19.7701, 0.3276, 0.3098

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3531, 0.3569, 0.2852 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(163, 104, 132)` looks like.

```
.text, #text, p{  
    color:rgb(163, 104, 132)  
}
```

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(163, 104, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 104, 132) }
```

Border

The CSS property to change the border of an element to Yxy 19.3531, 0.3569, 0.2852 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(163, 104, 132) }
```

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

```
.border{ border-color:rgb(163, 104, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 104, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 104, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 104, 132);  
box-shadow:4px 4px 4px 4px rgb(163, 104,  
132) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3531, 0.3569, 0.2852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 104, 132) }
```

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

```
.background{ background-color: rgb(163,  
104, 132) }
```

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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