

Converting Colors

$Y_{xy}(18.9681, 0.3922, 0.3437)$

Have a look what the booklet for
Yxy(18.9681, 0.3922, 0.3437)
contains.

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Color

Yxy(19.0255, 0.3920, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	9D6D64
RGB	157, 109, 100
RGB Percent	62%, 43%, 39%
CMY	0.3843, 0.5725, 0.6078
CMYK	0.00, 0.31, 0.36, 0.38
HSL	9°, 23%, 50%
HSV	9°, 36%, 62%
XYZ	21.6739, 19.0255, 14.5912
YIQ	122.3260, 31.4970, 7.3770

Conversions

Conversions Part 2

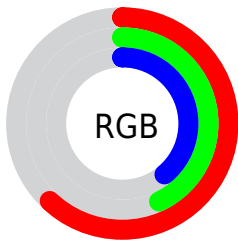
Format	Color
R_{YB}	157, 111, 100
Decimal	10317156
CIE _{Lab}	50.72, 17.90, 12.68
CIE _{LCh}	51, 21.936, 35.323
Yxy	19.0255, 0.3920, 0.3441
Android (android.graphics.Color)	4288507236 (0xFF9D6D64)
YUV	122.3260, -11.0067, 30.4091
Hunter-Lab	43.6182, 12.3648, 10.6990

Details

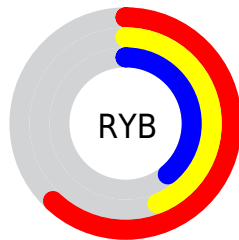
The Yxy color **19.0255, 0.3920, 0.3441** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.3287, 0.2609, 0.3131**, and the grayscale version is **19.6041, 0.3127, 0.3290**.

A 20% lighter version of the original color is **41.8702, 0.3734, 0.3415**, and **6.5376, 0.4274, 0.3484** is the 20% darker color. If you saturate the color by 10%, you get **16.1385, 0.4246, 0.3482**, and if you desaturate by 10%, it is **22.3974, 0.3645, 0.3398**.

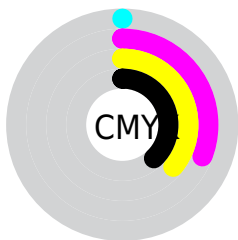
Distribution



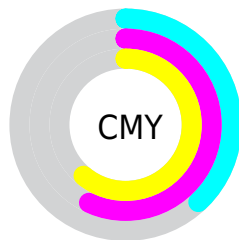
- Red (62%)
- Green (43%)
- Blue (39%)



- Red (62%)
- Yellow (44%)
- Blue (39%)



- Cyan (0%)
- Magenta (31%)
- Yellow (36%)
- Black (38%)





- Cyan (38%)
- Magenta (57%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.0255, 0.3920, 0.3441 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 19.0255, 0.3920, 0.3441 by changing the saturation by 10% instead.


 19.0255, 0.3920,
0.3441


 19.0255, 0.3920,
0.3441


246.5895, 0.3461,
0.3366

 11.6887, 0.4062,
0.3457


 41.7772, 0.3735,
0.3415

 6.5321, 0.4263,
0.3474


 57.9609, 0.3671,
0.3405

 3.1712, 0.4571,
0.3487

 77.8623, 0.3619,
0.3396

 1.2218, 0.5240,
0.3574

 101.8659, 0.3577,
0.3388

 0.0794, 0.8659,
0.1341

130.3560, 0.3541,
0.3382

 0.0000, 0.0000,
0.0000

163.7170, 0.3510,

0.3376

202.3334, 0.3484,
0.3371

■ 19.0255, 0.3920,
0.3441

■ 19.0255, 0.3920,
0.3441

■ 16.1385, 0.4246,
0.3482

■ 22.3974, 0.3645,
0.3398

■ 13.7115, 0.4622,
0.3516

■ 26.2723, 0.3417,
0.3355

■ 11.7213, 0.5035,
0.3535


■ 30.6708, 0.3228,
0.3314


■ 10.1415, 0.5456,
0.3533


■ 35.6114, 0.3073,
0.3276

■ 8.9432, 0.5839,
0.3504

■ 41.1116, 0.2945,
0.3242

 8.0920, 0.6136,
0.3450

 47.1885, 0.2839,
0.3210

 7.8527, 0.6231,
0.3435

 53.8580, 0.2750,
0.3182

 61.1357, 0.2676,
0.3156

 69.0365, 0.2613,
0.3133

Harmonies

Analogous

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



19.0255, 0.3681, 0.3109



19.0255, 0.3920, 0.3441



19.0255, 0.3926, 0.3760

Triad

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



19.0255, 0.3920, 0.3441



19.0255, 0.2930, 0.3824



19.0255, 0.2551, 0.2628

Complementary

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



19.0255, 0.3920, 0.3441



26.3287, 0.2609, 0.3131

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.



19.0255, 0.2382, 0.2762



19.0255, 0.3920, 0.3441



19.0255, 0.2588, 0.3451

Square

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



19.0255, 0.3920, 0.3441



19.0255, 0.3340, 0.4023



19.0255, 0.2394, 0.3054



19.0255, 0.2876, 0.2658

Rectangle

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



19.0255, 0.3920, 0.3441



19.0255, 0.3802, 0.3926



19.0255, 0.2394, 0.3054



19.0255, 0.2476, 0.2654

Sweetspot

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



19.0264, 0.3920, 0.3441



50.9357, 0.3316, 0.3334



18.4383, 0.3276, 0.2533



10.9950, 0.3340, 0.3339



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



19.0264, 0.3920, 0.3441



29.5989, 0.4196, 0.3476



25.9954, 0.3760, 0.3885



6.8067, 0.3280, 0.3326



6.4156, 0.6220, 0.3443



0.1565, 0.5664, 0.3885

Inverse Universe

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



26.3287, 0.2609, 0.3131



44.7136, 0.2503, 0.3088



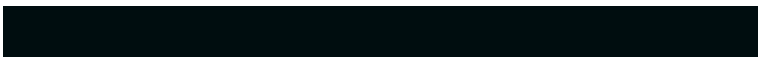
18.5684, 0.2537, 0.2610



7.3312, 0.2988, 0.3254



15.4783, 0.2109, 0.2791



0.3203, 0.2170, 0.3010

Previews

White Background



This preview shows how the Yxy color 19.0255, 0.3920, 0.3441 looks on a white background.

Color Contrast Check

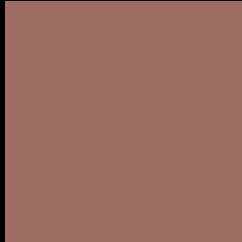
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.0255, 0.3920, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

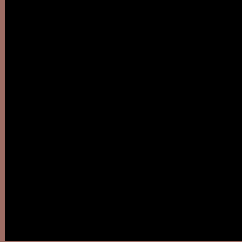
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.0255, 0.3920, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 19.0255, 0.3920, 0.3441.

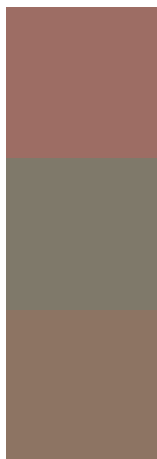


This preview shows how white text looks on a background with the Yxy color 19.0255, 0.3920, 0.3441.

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

19.0255, 0.3920, 0.3441

Protanopia

19.2274, 0.3381, 0.3573

Deuteranopia

19.0544, 0.3676, 0.3596



Tritanopia

19.0223, 0.3731, 0.3161

Trichromacy



Original Color

19.0255, 0.3920, 0.3441

Protanomaly

19.1253, 0.3566, 0.3526

Deuteranomaly

18.9142, 0.3774, 0.3536

Tritanomaly

19.1200, 0.3797, 0.3259

Monochromacy



Original Color

19.0255, 0.3920, 0.3441

Achromatopsia

19.4618, 0.3127, 0.3290

Achromatomaly

19.0884, 0.3398, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.0255, 0.3920, 0.3441 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(157, 109, 100)` looks like.

```
.text, #text, p{  
    color:rgb(157, 109, 100)  
}
```

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(157, 109, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 109, 100) }
```

Border

The CSS property to change the border of an element to Yxy 19.0255, 0.3920, 0.3441 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(157, 109, 100) }
```

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

```
.border{ border-color:rgb(157, 109, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 109, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 109, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 109, 100);  
box-shadow:4px 4px 4px 4px rgb(157, 109,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 19.0255, 0.3920, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 109, 100) }
```

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

```
.background{ background-color: rgb(157,  
109, 100) }
```

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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