

Converting Colors

$Yxy(31.5551, 0.3820, 0.3906)$

Have a look what the booklet for
Yxy(31.5551, 0.3820, 0.3906)
contains.

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Color

Yxy(31.5551, 0.3820, 0.3906)

Conversions

Conversions Part 1

Format	Color
Hex	AE956B
RGB	174, 149, 107
RGB Percent	68%, 58%, 42%
CMY	0.3176, 0.4157, 0.5804
CMYK	0.00, 0.14, 0.39, 0.32
HSL	38°, 29%, 55%
HSV	38°, 39%, 68%
XYZ	30.8603, 31.5551, 18.3708
YIQ	151.6870, 28.3820, -7.7620

Conversions

Conversions Part 2

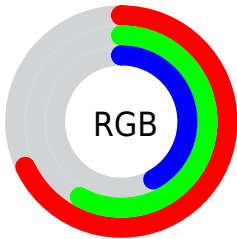
Format	Color
RYB	147, 174, 107
Decimal	11441515
CIELab	62.97, 3.25, 25.65
CIELCh	63, 25.852, 82.771
Yxy	31.5551, 0.3820, 0.3906
Android (android.graphics.Color)	4289631595 (0xFFAE956B)
YUV	151.6870, -22.0307, 19.5685
Hunter-Lab	56.1739, -0.2416, 19.9319

Details

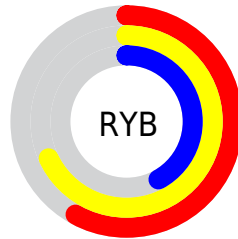
The Yxy color **31.5551, 0.3820, 0.3906** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **22.6892, 0.2497, 0.2580**, and the grayscale version is **31.3463, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2040, 0.3685, 0.3784**, and **13.0442, 0.4042, 0.4086** is the 20% darker color. If you saturate the color by 10%, you get **29.2275, 0.4035, 0.4062**, and if you desaturate by 10%, it is **34.0740, 0.3617, 0.3743**.

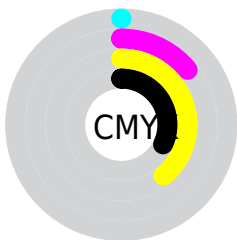
Distribution



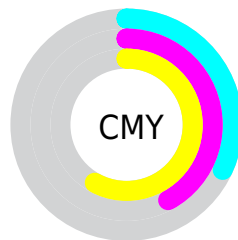
- Red (68%)
- Green (58%)
- Blue (42%)



- Red (58%)
- Yellow (68%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (39%)
- Black (32%)





- Cyan (32%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5551, 0.3820, 0.3906 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 31.5551, 0.3820, 0.3906 by changing the saturation by 10% instead.


 31.5551, 0.3820,
0.3906


 31.5551, 0.3820,
0.3906


309.0876, 0.3454,
0.3585


 21.0219, 0.3916,
0.3988


 62.1130, 0.3683,
0.3787


 13.1400, 0.4042,
0.4094


 82.9064, 0.3632,
0.3743

 7.5250, 0.4212,
0.4233


 107.8888, 0.3590,
0.3706

 3.7926, 0.4447,
0.4417

 137.4444, 0.3555,
0.3675

 1.5582, 0.5066,
0.4934

171.9577, 0.3524,
0.3648

 0.3292, 0.5437,
0.4563

211.8131, 0.3497,

 0.0000, 0.0000,

0.3624

0.0000

257.3949, 0.3474,
0.3604

■ 31.5551, 0.3820,
0.3906

■ 31.5551, 0.3820,
0.3906

■ 29.2275, 0.4035,
0.4062

■ 34.0740, 0.3617,
0.3743

■ 27.0807, 0.4257,
0.4201

■ 36.7858, 0.3429,
0.3579

■ 25.1091, 0.4476,
0.4312


■ 39.6974, 0.3259,
0.3420

■ 23.3052, 0.4681,
0.4384


■ 42.8141, 0.3106,
0.3268

■ 21.6607, 0.4862,
0.4408

■ 46.1410, 0.2969,
0.3126

 20.1618, 0.5015,
0.4386

 49.6828, 0.2848,
0.2994

 19.9498, 0.5038,
0.4382

 53.4441, 0.2740,
0.2873

 57.4294, 0.2645,
0.2761

 61.0760, 0.2606,
0.2747

Harmonies

Analogous

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



31.5551, 0.3950, 0.3632



31.5551, 0.3820, 0.3906



31.5551, 0.3504, 0.4032

Triad

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



31.5551, 0.3820, 0.3906



31.5551, 0.2457, 0.3214



31.5551, 0.3112, 0.2745

Complementary

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



31.5551, 0.3820, 0.3906



22.6892, 0.2497, 0.2580

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.



31.5551, 0.2726, 0.2629



31.5551, 0.3820, 0.3906



31.5551, 0.2367, 0.2868

Square

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



31.5551, 0.3820, 0.3906



31.5551, 0.2719, 0.3618



31.5551, 0.2462, 0.2666



31.5551, 0.3527, 0.2984

Rectangle

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



31.5551, 0.3820, 0.3906



31.5551, 0.3237, 0.3992



31.5551, 0.2462, 0.2666



31.5551, 0.2974, 0.2691

Sweetspot

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



31.5566, 0.3820, 0.3906



69.9931, 0.3320, 0.3478



21.1994, 0.3695, 0.2909



15.4072, 0.3341, 0.3498



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



31.5566, 0.3820, 0.3906



53.6966, 0.3998, 0.4036



39.4718, 0.3617, 0.4254



8.8199, 0.3271, 0.3432



14.5820, 0.5026, 0.4391



0.5060, 0.4715, 0.4638

Inverse Universe

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



22.6892, 0.2497, 0.2580



35.3967, 0.2354, 0.2394



17.2021, 0.2510, 0.2165



8.2288, 0.2986, 0.3144



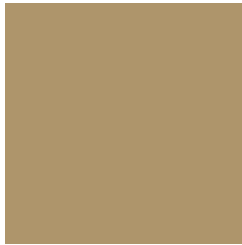
5.0615, 0.1671, 0.1214



0.2477, 0.1848, 0.1852

Previews

White Background



This preview shows how the Yxy color 31.5551, 0.3820, 0.3906 looks on a white background.

Color Contrast Check

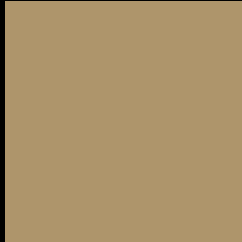
Large Text (above 18pt) WCAG AA × Fail

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 31.5551, 0.3820, 0.3906 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

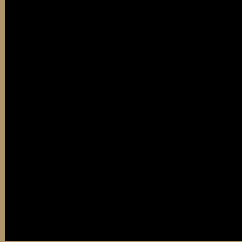
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5551, 0.3820, 0.3906

Background



This preview shows how black text looks on a background with the Yxy color 31.5551, 0.3820, 0.3906.



This preview shows how white text looks on a background with the Yxy color 31.5551, 0.3820, 0.3906.

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

31.5551, 0.3820, 0.3906

Protanopia

31.4317, 0.3684, 0.3959

Deuteranopia

31.4642, 0.3904, 0.3833



Tritanopia

31.5617, 0.3402, 0.3135

Trichromacy



Original Color

31.5551, 0.3820, 0.3906

Protanomaly

31.5408, 0.3733, 0.3935

Deuteranomaly

31.4151, 0.3865, 0.3854

Tritanomaly

31.4041, 0.3555, 0.3407

Monochromacy



Original Color

31.5551, 0.3820, 0.3906

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.3844, 0.3366, 0.3520

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5551, 0.3820, 0.3906 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(174, 149, 107)` looks like.

```
.text, #text, p{  
    color:rgb(174, 149, 107)  
}
```

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(174, 149, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 149, 107) }
```

Border

The CSS property to change the border of an element to Yxy 31.5551, 0.3820, 0.3906 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(174, 149, 107) }
```

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

```
.border{ border-color:rgb(174, 149, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 149, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 149, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 149, 107);  
box-shadow:4px 4px 4px 4px rgb(174, 149,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5551, 0.3820, 0.3906 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 149, 107) }
```

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

```
.background{ background-color: rgb(174,  
149, 107) }
```

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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