

Converting Colors

$Yxy(31.3035, 0.3809, 0.3953)$

Have a look what the booklet for
Yxy(31.3035, 0.3809, 0.3953)
contains.

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Color

Yxy(31.1727, 0.3806, 0.3943)

Conversions

Conversions Part 1

Format	Color
Hex	AB9569
RGB	171, 149, 105
RGB Percent	67%, 58%, 41%
CMY	0.3295, 0.4157, 0.5882
CMYK	0.00, 0.13, 0.39, 0.33
HSL	40°, 28%, 54%
HSV	40°, 39%, 67%
XYZ	30.0896, 31.1727, 17.7960
YIQ	150.5620, 27.2360, -9.0200

Conversions

Conversions Part 2

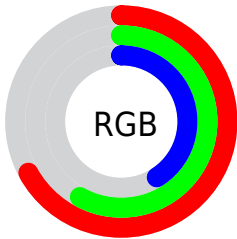
Format	Color
RYB	138, 171, 105
Decimal	11244905
CIELab	62.65, 1.75, 26.26
CIELCh	63, 26.317, 86.190
Yxy	31.1727, 0.3806, 0.3943
Android (android.graphics.Color)	4289434985 (0xFFAB9569)
YUV	150.5620, -22.4621, 17.9241
Hunter-Lab	55.8325, -1.5086, 20.1847

Details

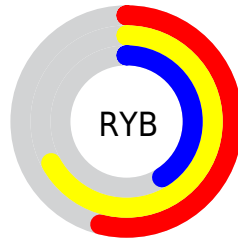
The Yxy color **31.1727, 0.3806, 0.3943** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.1166, 0.2490, 0.2533**, and the grayscale version is **30.8397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4771, 0.3666, 0.3813**, and **12.8127, 0.4021, 0.4141** is the 20% darker color. If you saturate the color by 10%, you get **29.0988, 0.4011, 0.4107**, and if you desaturate by 10%, it is **33.4084, 0.3610, 0.3771**.

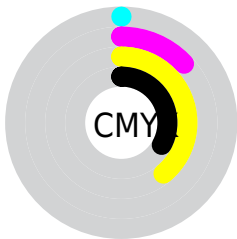
Distribution



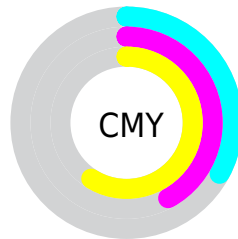
- Red (67%)
- Green (58%)
- Blue (41%)



- Red (54%)
- Yellow (67%)
- Blue (41%)



- Cyan (0%)
- Magenta (13%)
- Yellow (39%)
- Black (33%)




- Cyan (33%)
- Magenta (42%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 31.1727, 0.3806, 0.3943 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 31.1727, 0.3806, 0.3943 by changing the saturation by 10% instead.


 31.1727, 0.3806,
0.3943


 31.1727, 0.3806,
0.3943


307.3332, 0.3447,
0.3601


 20.7304, 0.3900,
0.4031


 61.5119, 0.3672,
0.3816


 12.9271, 0.4023,
0.4146


 82.1775, 0.3623,
0.3769

 7.3783, 0.4187,
0.4297


 107.0197, 0.3581,
0.3730

 3.6998, 0.4413,
0.4499

 136.4229, 0.3546,
0.3696

 1.5071, 0.4978,
0.5022

170.7715, 0.3516,
0.3667

 0.2937, 0.5229,
0.4771

210.4497, 0.3490,

 0.0000, 0.0000,

0.3642

0.0000

255.8422, 0.3467,
0.3620

■ 31.1727, 0.3806,
0.3943

■ 31.1727, 0.3806,
0.3943

■ 29.0988, 0.4011,
0.4107

■ 33.4084, 0.3610,
0.3771

■ 27.1767, 0.4219,
0.4254

■ 35.8065, 0.3427,
0.3598

■ 25.4020, 0.4422,
0.4372

■ 38.3734, 0.3259,
0.3429

■ 23.7679, 0.4610,
0.4452

■ 41.1137, 0.3107,
0.3268

■ 22.2670, 0.4772,
0.4485

■ 44.0316, 0.2970,
0.3117

■ 20.8865, 0.4908,
0.4473

■ 47.1313, 0.2848,
0.2976

■ 20.6992, 0.4927,
0.4470

■ 50.4168, 0.2739,
0.2847

■ 53.8919, 0.2642,
0.2727

■ 57.3072, 0.2577,
0.2658

Harmonies

Analogous

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



31.1727, 0.3965, 0.3674



31.1727, 0.3806, 0.3943



31.1727, 0.3467, 0.4050

Triad

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



31.1727, 0.3806, 0.3943



31.1727, 0.2423, 0.3166



31.1727, 0.3161, 0.2757

Complementary

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



31.1727, 0.3806, 0.3943



21.1166, 0.2490, 0.2533

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.



31.1727, 0.2757, 0.2622



31.1727, 0.3806, 0.3943



31.1727, 0.2353, 0.2827

Square

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



31.1727, 0.3806, 0.3943



31.1727, 0.2671, 0.3580



31.1727, 0.2471, 0.2640



31.1727, 0.3581, 0.3012

Rectangle

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



31.1727, 0.3806, 0.3943



31.1727, 0.3191, 0.3991



31.1727, 0.2471, 0.2640



31.1727, 0.3018, 0.2696

Sweetspot

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



31.1741, 0.3806, 0.3943



67.0364, 0.3318, 0.3489



20.2923, 0.3742, 0.2958



14.8203, 0.3339, 0.3510



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



31.1741, 0.3806, 0.3943



52.7639, 0.3974, 0.4079



37.6129, 0.3584, 0.4266



8.8739, 0.3270, 0.3441



15.7066, 0.4918, 0.4477



0.5319, 0.4650, 0.4690

Inverse Universe

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



21.1166, 0.2490, 0.2533



32.2861, 0.2344, 0.2336



16.7565, 0.2543, 0.2174



8.1768, 0.2986, 0.3135



4.5071, 0.1641, 0.1106



0.2276, 0.1818, 0.1745

Previews

White Background



This preview shows how the Yxy color 31.1727, 0.3806, 0.3943 looks on a white background.

Color Contrast Check

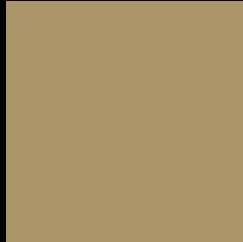
Large Text (above 18pt) WCAG AA × Fail

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 31.1727, 0.3806, 0.3943 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

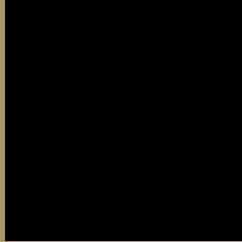
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.1727, 0.3806, 0.3943

Background



This preview shows how black text looks on a background with the Yxy color 31.1727, 0.3806, 0.3943.



This preview shows how white text looks on a background with the Yxy color 31.1727, 0.3806, 0.3943.

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

31.1727, 0.3806, 0.3943

Protanopia

31.3896, 0.3703, 0.3989

Deuteranopia

31.1152, 0.3930, 0.3848



Tritanopia

31.2081, 0.3370, 0.3134

Trichromacy



Original Color

31.1727, 0.3806, 0.3943

Protanomaly

31.3893, 0.3741, 0.3967

Deuteranomaly

30.9455, 0.3880, 0.3871

Tritanomaly

31.0270, 0.3533, 0.3423

Monochromacy



Original Color

31.1727, 0.3806, 0.3943

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

30.8030, 0.3366, 0.3538

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.1727, 0.3806, 0.3943 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(171, 149, 105)` looks like.

```
.text, #text, p{  
    color:rgb(171, 149, 105)  
}
```

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(171, 149, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 149, 105) }
```

Border

The CSS property to change the border of an element to Yxy 31.1727, 0.3806, 0.3943 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(171, 149, 105) }
```

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

```
.border{ border-color:rgb(171, 149, 105) }
```

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

Here you see how a box with a 4 pixel rgb(171, 149, 105) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 149, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 149, 105);  
box-shadow:4px 4px 4px 4px rgb(171, 149,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 31.1727, 0.3806, 0.3943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 149, 105) }
```

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

```
.background{ background-color: rgb(171,  
149, 105) }
```

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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