

Converting Colors

$Yxy(31.5622, 0.3723, 0.3920)$

Have a look what the booklet for
Yxy(31.5622, 0.3723, 0.3920)
contains.

Yxy(31.5622, 0.3723, 0.3920)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(31.5622, 0.3723, 0.3920)

Conversions

Conversions Part 1

Format	Color
Hex	A8976D
RGB	168, 151, 109
RGB Percent	66%, 59%, 43%
CMY	0.3412, 0.4078, 0.5726
CMYK	0.00, 0.10, 0.35, 0.34
HSL	43°, 25%, 54%
HSV	43°, 35%, 66%
XYZ	29.9760, 31.5622, 18.9776
YIQ	151.2950, 23.6140, -9.4580

Conversions

Conversions Part 2

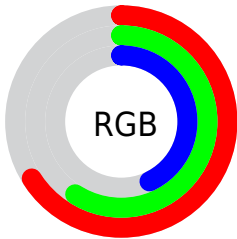
Format	Color
RYB	133, 168, 109
Decimal	11048813
CIELab	62.98, -0.09, 24.45
CIELCh	63, 24.453, 90.203
Yxy	31.5622, 0.3723, 0.3920
Android (android.graphics.Color)	4289238893 (0xFFA8976D)
YUV	151.2950, -20.8514, 14.6503
Hunter-Lab	56.1802, -3.0734, 19.2981

Details

The Yxy color **31.5622, 0.3723, 0.3920** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **20.9988, 0.2546, 0.2566**, and the grayscale version is **31.1646, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.0831, 0.3605, 0.3793**, and **13.0961, 0.3915, 0.4112** is the 20% darker color. If you saturate the color by 10%, you get **29.7094, 0.3916, 0.4097**, and if you desaturate by 10%, it is **33.5511, 0.3538, 0.3737**.

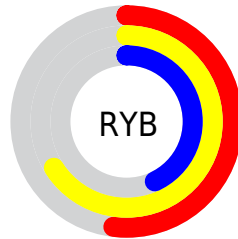
Distribution



Red (66%)

Green (59%)

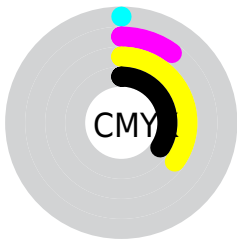
Blue (43%)



Red (52%)

Yellow (66%)

Blue (43%)

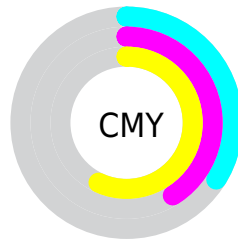


Cyan (0%)

Magenta (10%)

Yellow (35%)

Black (34%)



Cyan (34%)


Magenta (41%)

Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5622, 0.3723, 0.3920 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 31.5622, 0.3723, 0.3920 by changing the saturation by 10% instead.


 31.5622, 0.3723,
0.3920


 31.5622, 0.3723,
0.3920

309.1201, 0.3409,
0.3588


 21.0273, 0.3805,
0.4007


 62.1241, 0.3606,
0.3796

 13.1440, 0.3913,
0.4121


 82.9200, 0.3562,
0.3750

 7.5278, 0.4057,
0.4274


 107.9049, 0.3526,
0.3712

 3.7943, 0.4257,
0.4486

 137.4634, 0.3496,
0.3680

 1.5592, 0.4868,
0.5132

171.9797, 0.3469,
0.3652

 0.3298, 0.4856,
0.5144

211.8383, 0.3447,

 0.0000, 0.0000,

0.3628

0.0000

257.4237, 0.3427,
0.3607

■ 31.5622, 0.3723,
0.3920

■ 31.5622, 0.3723,
0.3920

■ 29.7094, 0.3916,
0.4097

■ 33.5511, 0.3538,
0.3737

■ 27.9836, 0.4111,
0.4260

■ 35.6760, 0.3364,
0.3554

■ 26.3811, 0.4300,
0.4397

■ 37.9426, 0.3204,
0.3377

■ 24.8962, 0.4476,
0.4499

■ 40.3547, 0.3058,
0.3209

■ 23.5226, 0.4629,
0.4558

■ 42.9161, 0.2926,
0.3052

■ 22.2523, 0.4752,
0.4568

■ 45.6303, 0.2807,
0.2906

■ 21.6622, 0.4808,
0.4564

■ 48.5006, 0.2701,
0.2771

■ 51.5304, 0.2607,
0.2647

■ 54.3833, 0.2550,
0.2586

Harmonies

Analogous

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



31.5622, 0.3895, 0.3689



31.5622, 0.3723, 0.3920



31.5622, 0.3394, 0.3988

Triad

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



31.5622, 0.3723, 0.3920



31.5622, 0.2454, 0.3129



31.5622, 0.3213, 0.2820

Complementary

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



31.5622, 0.3723, 0.3920



20.9988, 0.2546, 0.2566

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.



31.5622, 0.2830, 0.2677



31.5622, 0.3723, 0.3920



31.5622, 0.2412, 0.2830

Square

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



31.5622, 0.3723, 0.3920



31.5622, 0.2666, 0.3508



31.5622, 0.2544, 0.2675



31.5622, 0.3593, 0.3070

Rectangle

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



31.5622, 0.3723, 0.3920



31.5622, 0.3136, 0.3912



31.5622, 0.2544, 0.2675



31.5622, 0.3080, 0.2758

Sweetspot

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



31.5637, 0.3723, 0.3920



66.3166, 0.3300, 0.3484



20.7856, 0.3693, 0.3018



14.3401, 0.3320, 0.3507



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.



31.5637, 0.3723, 0.3920



54.6785, 0.3870, 0.4056



36.2000, 0.3525, 0.4182



8.4031, 0.3269, 0.3450



16.4480, 0.4800, 0.4570



0.4813, 0.4560, 0.4762

Inverse Universe

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



20.9988, 0.2546, 0.2566



32.6802, 0.2407, 0.2375



17.8132, 0.2627, 0.2295



7.6396, 0.2986, 0.3125



3.8348, 0.1611, 0.0998



0.1795, 0.1796, 0.1665

Previews

White Background



This preview shows how the Yxy color 31.5622, 0.3723, 0.3920 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 31.5622, 0.3723, 0.3920 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

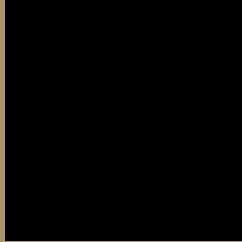
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.5622, 0.3723, 0.3920

Background



This preview shows how black text looks on a background with the Yxy color 31.5622, 0.3723, 0.3920.



This preview shows how white text looks on a background with the Yxy color 31.5622, 0.3723, 0.3920.

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

31.5622, 0.3723, 0.3920

Protanopia

31.4748, 0.3664, 0.3929

Deuteranopia

31.5073, 0.3883, 0.3805



Tritanopia

31.5353, 0.3314, 0.3132

Trichromacy



Original Color

31.5622, 0.3723, 0.3920

Protanomaly

31.5816, 0.3675, 0.3927

Deuteranomaly

31.5357, 0.3817, 0.3844

Tritanomaly

31.3894, 0.3463, 0.3409

Monochromacy



Original Color

31.5622, 0.3723, 0.3920

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.0789, 0.3334, 0.3522

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5622, 0.3723, 0.3920 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, 151, 109)` looks like.

```
.text, #text, p{  
    color:rgb(168, 151, 109)  
}
```

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, 151, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 151, 109) }
```

Border

The CSS property to change the border of an element to Yxy 31.5622, 0.3723, 0.3920 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, 151, 109) }
```

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

```
.border{ border-color:rgb(168, 151, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 151, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(168, 151, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(168, 151, 109); box-shadow:4px 4px 4px 4px rgb(168, 151, 109) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5622, 0.3723, 0.3920 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 151, 109) }
```

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

```
.background{ background-color: rgb(168,  
151, 109) }
```

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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