

Converting Colors

$Yxy(31.6409, 0.3870, 0.4207)$

Have a look what the booklet for
Yxy(31.6409, 0.3870, 0.4207)
contains.

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Color

Yxy(31.7533, 0.3872, 0.4208)

Conversions

Conversions Part 1

Format	Color
Hex	A7995B
RGB	167, 153, 91
RGB Percent	65%, 60%, 36%
CMY	0.3451, 0.4000, 0.6431
CMYK	0.00, 0.08, 0.46, 0.35
HSL	49°, 30%, 51%
HSV	49°, 46%, 65%
XYZ	29.2179, 31.7533, 14.4882
YIQ	150.1180, 28.2460, -16.3140

Conversions

Conversions Part 2

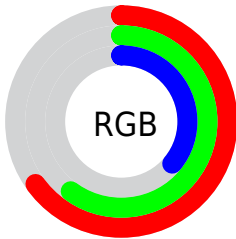
Format	Color
RYB	108, 167, 91
Decimal	10983771
CIELab	63.14, -3.67, 34.34
CIELCh	63, 34.536, 96.094
Yxy	31.7533, 0.3872, 0.4208
Android (android.graphics.Color)	4289173851 (0xFFA7995B)
YUV	150.1180, -29.1452, 14.8055
Hunter-Lab	56.3501, -6.0592, 24.2010

Details

The Yxy color **31.7533, 0.3872, 0.4208** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **15.1221, 0.2332, 0.2158**, and the grayscale version is **30.6706, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2666, 0.3731, 0.4031**, and **13.1879, 0.4083, 0.4488** is the 20% darker color. If you saturate the color by 10%, you get **30.5030, 0.4039, 0.4387**, and if you desaturate by 10%, it is **33.0967, 0.3700, 0.4011**.

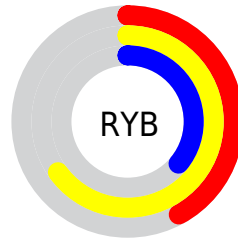
Distribution



Red (65%)

Green (60%)

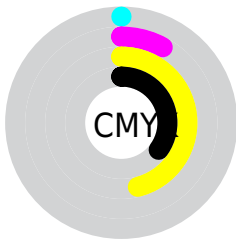
Blue (36%)



Red (42%)

Yellow (65%)

Blue (36%)

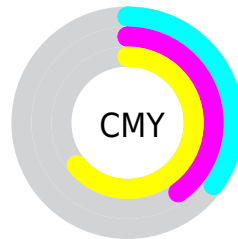


Cyan (0%)

Magenta (8%)

Yellow (46%)

Black (35%)



Cyan (35%)


Magenta (40%)


Yellow (64%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.7533, 0.3872, 0.4208 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 31.7533, 0.3872, 0.4208 by changing the saturation by 10% instead.

 31.7533, 0.3872,
0.4208


 31.7533, 0.3872,
0.4208


309.9939, 0.3488,
0.3726


 21.1731, 0.3967,
0.4331


 62.4241, 0.3732,
0.4029

 13.2506, 0.4085,
0.4489


 83.2836, 0.3679,
0.3963

 7.6014, 0.4233,
0.4693


 108.3383, 0.3635,
0.3907

 3.8409, 0.4469,
0.5023

 137.9726, 0.3597,
0.3860

 1.5850, 0.4651,
0.5349

172.5709, 0.3564,
0.3820

 0.3474, 0.4093,
0.5907

212.5177, 0.3536,

 0.0000, 0.0000,

0.3784

0.0000

258.1972, 0.3510,
0.3753

■ 31.7533, 0.3872,
0.4208

■ 31.7533, 0.3872,
0.4208

■ 30.5030, 0.4039,
0.4387

■ 33.0967, 0.3700,
0.4011

■ 29.3368, 0.4194,
0.4540

■ 34.5329, 0.3530,
0.3806

■ 28.2513, 0.4330,
0.4656

■ 36.0672, 0.3365,
0.3599

■ 27.2407, 0.4441,
0.4728

■ 37.7030, 0.3209,
0.3397

■ 26.2975, 0.4524,
0.4757

■ 39.4437, 0.3063,
0.3205

■ 25.8881, 0.4558,
0.4763

■ 41.2924, 0.2930,
0.3023

■ 43.2522, 0.2808,
0.2854

■ 45.3258, 0.2698,
0.2698

■ 47.5160, 0.2599,
0.2555

Harmonies

Analogous

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



31.7533, 0.4178, 0.3896



31.7533, 0.3872, 0.4208



31.7533, 0.3380, 0.4276

Triad

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



31.7533, 0.3872, 0.4208



31.7533, 0.2172, 0.2952



31.7533, 0.3351, 0.2703

Complementary

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



31.7533, 0.3872, 0.4208



15.1221, 0.2332, 0.2158

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.



31.7533, 0.2804, 0.2479



31.7533, 0.3872, 0.4208



31.7533, 0.2165, 0.2583

Square

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



31.7533, 0.3872, 0.4208



31.7533, 0.2409, 0.3484



31.7533, 0.2384, 0.2429



31.7533, 0.3875, 0.3057

Rectangle

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



31.7533, 0.3872, 0.4208



31.7533, 0.3018, 0.4132



31.7533, 0.2384, 0.2429



31.7533, 0.3162, 0.2612

Sweetspot

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



31.7548, 0.3872, 0.4208



64.9420, 0.3344, 0.3573



16.7453, 0.4069, 0.3056



14.4003, 0.3378, 0.3616



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.



31.7548, 0.3872, 0.4208



54.5157, 0.4047, 0.4396



34.3451, 0.3553, 0.4479



8.5352, 0.3266, 0.3473



19.8730, 0.4554, 0.4766



0.5428, 0.4416, 0.4876

Inverse Universe

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



15.1221, 0.2332, 0.2158



20.8839, 0.2131, 0.1844



13.8388, 0.2527, 0.1983



7.5160, 0.2986, 0.3100



2.9310, 0.1554, 0.0794



0.1336, 0.1704, 0.1334

Previews

White Background



This preview shows how the Yxy color 31.7533, 0.3872, 0.4208 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 31.7533, 0.3872, 0.4208 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

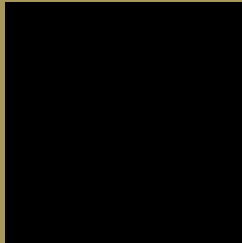
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.7533, 0.3872, 0.4208

Background



This preview shows how black text looks on a background with the Yxy color 31.7533, 0.3872, 0.4208.



This preview shows how white text looks on a background with the Yxy color 31.7533, 0.3872, 0.4208.

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

31.7533, 0.3872, 0.4208

Protanopia

31.7533, 0.3872, 0.4208

Deuteranopia

31.6624, 0.4100, 0.4024



Tritanopia

31.6838, 0.3314, 0.3119

Trichromacy



Original Color

31.7533, 0.3872, 0.4208

Protanomaly

31.7533, 0.3872, 0.4208

Deuteranomaly

31.7326, 0.4011, 0.4101

Tritanomaly

31.5312, 0.3523, 0.3513

Monochromacy



Original Color

31.7533, 0.3872, 0.4208

Achromatopsia

30.4987, 0.3127, 0.3290

Achromatomaly

30.7861, 0.3392, 0.3634

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.7533, 0.3872, 0.4208 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(167, 153, 91)` looks like.

```
.text, #text, p{  
    color:rgb(167, 153, 91)  
}
```

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(167, 153, 91) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 153, 91) }
```

Border

The CSS property to change the border of an element to Yxy 31.7533, 0.3872, 0.4208 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(167, 153, 91) }
```

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

```
.border{ border-color:rgb(167, 153, 91) }
```

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

Here you see how a box with a 4 pixel rgb(167, 153, 91) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 153, 91); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 153, 91);  
box-shadow:4px 4px 4px 4px rgb(167, 153,  
91) }
```


Background

The CSS property to change the background color of an element to Yxy 31.7533, 0.3872, 0.4208 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 153, 91) }
```

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

```
.background{ background-color: rgb(167,  
153, 91) }
```

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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