

Converting Colors

Yxy(31.4920, 0.3796, 0.3937)

Have a look what the booklet for
Yxy(31.4920, 0.3796, 0.3937)
contains.

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Color

Yxy(31.5112, 0.3791, 0.3942)

Conversions

Conversions Part 1

Format	Color
Hex	AB966A
RGB	171, 150, 106
RGB Percent	67%, 59%, 42%
CMY	0.3294, 0.4118, 0.5843
CMYK	0.00, 0.12, 0.38, 0.33
HSL	41°, 28%, 54%
HSV	41°, 38%, 67%
XYZ	30.3041, 31.5112, 18.1217
YIQ	151.2630, 26.6400, -9.2320

Conversions

Conversions Part 2

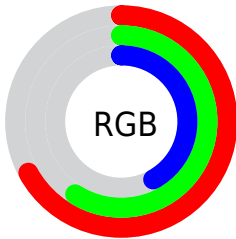
Format	Color
RYB	137, 171, 106
Decimal	11245162
CIELab	62.94, 1.33, 26.09
CIElCh	63, 26.119, 87.072
Yxy	31.5112, 0.3791, 0.3942
Android (android.graphics.Color)	4289435242 (0xFFAB966A)
YUV	151.2630, -22.3147, 17.3093
Hunter-Lab	56.1348, -1.8735, 20.1541

Details

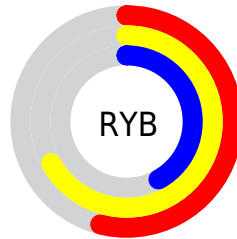
The Yxy color **31.5112, 0.3791, 0.3942** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.1875, 0.2499, 0.2534**, and the grayscale version is **31.1561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9852, 0.3656, 0.3812**, and **13.0111, 0.3997, 0.4140** is the 20% darker color. If you saturate the color by 10%, you get **29.4690, 0.3994, 0.4109**, and if you desaturate by 10%, it is **33.7104, 0.3597, 0.3767**.

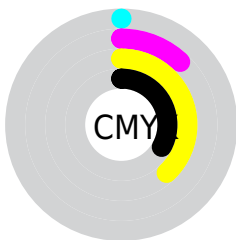
Distribution



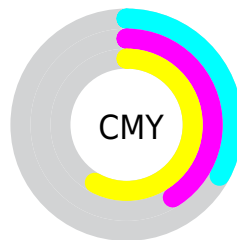
- Red (67%)
- Green (59%)
- Blue (42%)



- Red (54%)
- Yellow (67%)
- Blue (42%)



- Cyan (0%)
- Magenta (12%)
- Yellow (38%)
- Black (33%)





- Cyan (33%)
- Magenta (41%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.5112, 0.3791, 0.3942 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 31.5112, 0.3791, 0.3942 by changing the saturation by 10% instead.


 31.5112, 0.3791,
0.3942


 31.5112, 0.3791,
0.3942


308.8865, 0.3441,
0.3600


 20.9884, 0.3883,
0.4030


 62.0440, 0.3660,
0.3815

 13.1155, 0.4002,
0.4145


 82.8228, 0.3612,
0.3768

 7.5082, 0.4161,
0.4296


 107.7891, 0.3572,
0.3729

 3.7819, 0.4380,
0.4500

 137.3273, 0.3538,
0.3695

 1.5523, 0.4953,
0.5047

171.8217, 0.3508,
0.3667

 0.3251, 0.5123,
0.4877

211.6568, 0.3483,

 0.0000, 0.0000,

0.3642

0.0000

257.2170, 0.3461,
0.3620

■ 31.5112, 0.3791,
0.3942

■ 31.5112, 0.3791,
0.3942

■ 29.4690, 0.3994,
0.4109

■ 33.7104, 0.3597,
0.3767

■ 27.5742, 0.4199,
0.4259

■ 36.0674, 0.3416,
0.3592

■ 25.8223, 0.4398,
0.4381

■ 38.5882, 0.3249,
0.3421

■ 24.2069, 0.4583,
0.4465

■ 41.2773, 0.3098,
0.3258

■ 22.7205, 0.4743,
0.4502

■ 44.1389, 0.2962,
0.3106

■ 21.3517, 0.4875,
0.4494

■ 47.1771, 0.2841,
0.2964

■ 21.0901, 0.4900,
0.4491

■ 50.3957, 0.2732,
0.2832

■ 53.7985, 0.2636,
0.2712

■ 57.0685, 0.2576,
0.2652

Harmonies

Analogous

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



31.5112, 0.3954, 0.3680



31.5112, 0.3791, 0.3942



31.5112, 0.3452, 0.4041

Triad

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



31.5112, 0.3791, 0.3942



31.5112, 0.2426, 0.3156



31.5112, 0.3173, 0.2768

Complementary

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



31.5112, 0.3791, 0.3942



21.1875, 0.2499, 0.2534

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.



31.5112, 0.2772, 0.2631



31.5112, 0.3791, 0.3942



31.5112, 0.2362, 0.2824

Square

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



31.5112, 0.3791, 0.3942



31.5112, 0.2667, 0.3565



31.5112, 0.2484, 0.2644



31.5112, 0.3587, 0.3023

Rectangle

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



31.5112, 0.3791, 0.3942



31.5112, 0.3178, 0.3977



31.5112, 0.2484, 0.2644



31.5112, 0.3032, 0.2707

Sweetspot

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



31.5127, 0.3791, 0.3942



67.6320, 0.3301, 0.3475



20.5181, 0.3729, 0.2963



14.9495, 0.3322, 0.3497



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.



31.5127, 0.3791, 0.3942



53.1955, 0.3969, 0.4090



37.6619, 0.3578, 0.4251



8.8871, 0.3270, 0.3443



15.9954, 0.4892, 0.4498



0.5385, 0.4634, 0.4702

Inverse Universe

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



21.1875, 0.2499, 0.2534



31.9554, 0.2342, 0.2321



17.0206, 0.2554, 0.2193



8.1641, 0.2986, 0.3132



4.3819, 0.1634, 0.1081



0.2227, 0.1811, 0.1718

Previews

White Background



This preview shows how the Yxy color 31.5112, 0.3791, 0.3942 looks on a white background.

Color Contrast Check

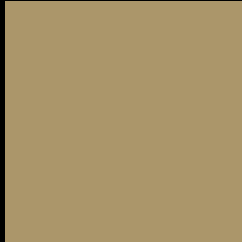
Large Text (above 18pt) WCAG AA × Fail

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 31.5112, 0.3791, 0.3942 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 31.5112, 0.3791, 0.3942

Background



This preview shows how black text looks on a background with the Yxy color 31.5112, 0.3791, 0.3942.



This preview shows how white text looks on a background with the Yxy color 31.5112, 0.3791, 0.3942.

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

31.5112, 0.3791, 0.3942

Protanopia

31.4105, 0.3693, 0.3974

Deuteranopia

31.4431, 0.3914, 0.3847



Tritanopia

31.5432, 0.3357, 0.3134

Trichromacy



Original Color

31.5112, 0.3791, 0.3942

Protanomaly

31.4102, 0.3732, 0.3952

Deuteranomaly

31.2761, 0.3864, 0.3871

Tritanomaly

31.3626, 0.3519, 0.3423

Monochromacy



Original Color

31.5112, 0.3791, 0.3942

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.1516, 0.3354, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.5112, 0.3791, 0.3942 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, 150, 106)` looks like.

```
.text, #text, p{  
    color:rgb(171, 150, 106)  
}
```

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, 150, 106) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 150, 106) }
```

Border

The CSS property to change the border of an element to Yxy 31.5112, 0.3791, 0.3942 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, 150, 106) }
```

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

```
.border{ border-color:rgb(171, 150, 106) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 150, 106)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 150, 106); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 150, 106);  
box-shadow:4px 4px 4px 4px rgb(171, 150,  
106) }
```


Background

The CSS property to change the background color of an element to Yxy 31.5112, 0.3791, 0.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 150, 106) }
```

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

```
.background{ background-color: rgb(171,  
150, 106) }
```

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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