

Converting Colors

Yxy(31.6357, 0.3882, 0.4098)

Have a look what the booklet for
Yxy(31.6357, 0.3882, 0.4098)
contains.

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Color

Yxy(31.6357, 0.3882, 0.4098)

Conversions

Conversions Part 1

Format	Color
Hex	AB9760
RGB	171, 151, 96
RGB Percent	67%, 59%, 38%
CMY	0.3295, 0.4078, 0.6235
CMYK	0.00, 0.12, 0.44, 0.33
HSL	44°, 31%, 52%
HSV	44°, 44%, 67%
XYZ	29.9682, 31.6357, 15.5940
YIQ	150.7100, 29.5750, -12.8650

Conversions

Conversions Part 2

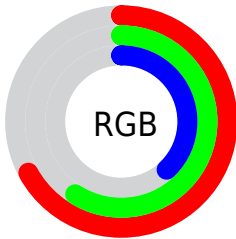
Format	Color
RYB	123, 171, 96
Decimal	11245408
CIELab	63.04, -0.38, 31.64
CIELCh	63, 31.640, 90.689
Yxy	31.6357, 0.3882, 0.4098
Android (android.graphics.Color)	4289435488 (0xFFAB9760)
YUV	150.7100, -26.9720, 17.7943
Hunter-Lab	56.2456, -3.3233, 22.9339

Details

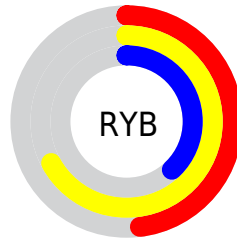
The Yxy color **31.6357, 0.3882, 0.4098** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.9087, 0.2381, 0.2316**, and the grayscale version is **30.9246, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.2632, 0.3743, 0.3944**, and **13.1097, 0.4114, 0.4340** is the 20% darker color. If you saturate the color by 10%, you get **29.9186, 0.4071, 0.4267**, and if you desaturate by 10%, it is **33.4808, 0.3694, 0.3915**.

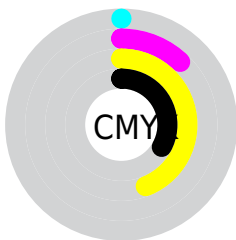
Distribution



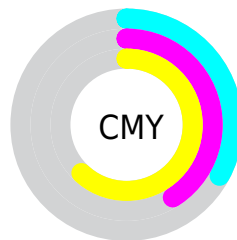
- Red (67%)
- Green (59%)
- Blue (38%)



- Red (48%)
- Yellow (67%)
- Blue (38%)



- Cyan (0%)
- Magenta (12%)
- Yellow (44%)
- Black (33%)





- Cyan (33%)
- Magenta (41%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.6357, 0.3882, 0.4098 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 31.6357, 0.3882, 0.4098 by changing the saturation by 10% instead.


 31.6357, 0.3882,
0.4098


 31.6357, 0.3882,
0.4098


309.4564, 0.3488,
0.3676

 21.0834, 0.3982,
0.4206


 62.2395, 0.3737,
0.3942


 13.1850, 0.4109,
0.4343


 83.0599, 0.3683,
0.3884

 7.5560, 0.4273,
0.4520


 108.0717, 0.3637,
0.3835

 3.8122, 0.4512,
0.4779

 137.6593, 0.3599,
0.3794

 1.5691, 0.4850,
0.5150

172.2072, 0.3565,
0.3758

 0.3366, 0.4800,
0.5200

212.0998, 0.3536,

 0.0000, 0.0000,

0.3727

0.0000

257.7214, 0.3511,
0.3700

■ 31.6357, 0.3882,
0.4098

■ 31.6357, 0.3882,
0.4098

■ 29.9186, 0.4071,
0.4267

■ 33.4808, 0.3694,
0.3915

■ 28.3199, 0.4255,
0.4412

■ 35.4543, 0.3513,
0.3726

■ 26.8355, 0.4424,
0.4522

■ 37.5619, 0.3342,
0.3539

■ 25.4591, 0.4571,
0.4590

■ 39.8077, 0.3184,
0.3357

■ 24.1829, 0.4689,
0.4610

■ 42.1957, 0.3040,
0.3185

■ 23.4374, 0.4754,
0.4608

■ 44.7294, 0.2909,
0.3024

■ 47.4125, 0.2792,
0.2875

■ 50.2483, 0.2687,
0.2737

■ 53.2400, 0.2592,
0.2611

Harmonies

Analogous

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



31.6357, 0.4116, 0.3790



31.6357, 0.3882, 0.4098



31.6357, 0.3452, 0.4202

Triad

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



31.6357, 0.3882, 0.4098



31.6357, 0.2269, 0.3064



31.6357, 0.3241, 0.2699

Complementary

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



31.6357, 0.3882, 0.4098



17.9087, 0.2381, 0.2316

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.



31.6357, 0.2750, 0.2518



31.6357, 0.3882, 0.4098



31.6357, 0.2222, 0.2688

Square

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



31.6357, 0.3882, 0.4098



31.6357, 0.2527, 0.3562



31.6357, 0.2390, 0.2506



31.6357, 0.3736, 0.3012

Rectangle

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



31.6357, 0.3882, 0.4098



31.6357, 0.3120, 0.4106



31.6357, 0.2390, 0.2506



31.6357, 0.3069, 0.2622

Sweetspot

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



31.6372, 0.3882, 0.4098



67.5368, 0.3332, 0.3527



18.2824, 0.3943, 0.2988



14.8738, 0.3368, 0.3567



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.



31.6372, 0.3882, 0.4098



53.5750, 0.4073, 0.4268



36.7792, 0.3590, 0.4417



8.9640, 0.3269, 0.3456



17.7643, 0.4747, 0.4613



0.5775, 0.4546, 0.4772

Inverse Universe

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



17.9087, 0.2381, 0.2316



25.7133, 0.2197, 0.2043



14.8497, 0.2499, 0.2016



8.0912, 0.2986, 0.3119



3.7378, 0.1597, 0.0947



0.1943, 0.1766, 0.1556

Previews

White Background



This preview shows how the Yxy color 31.6357, 0.3882, 0.4098 looks on a white background.

Color Contrast Check

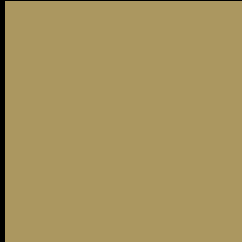
Large Text (above 18pt) WCAG AA × Fail

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 31.6357, 0.3882, 0.4098 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

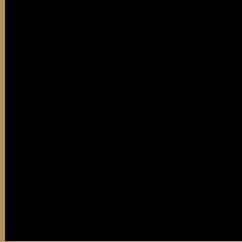
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.6357, 0.3882, 0.4098

Background



This preview shows how black text looks on a background with the Yxy color 31.6357, 0.3882, 0.4098.



This preview shows how white text looks on a background with the Yxy color 31.6357, 0.3882, 0.4098.

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

31.6357, 0.3882, 0.4098

Protanopia

31.7525, 0.3806, 0.4128

Deuteranopia

31.6112, 0.4049, 0.3975



Tritanopia

31.6602, 0.3368, 0.3134

Trichromacy



Original Color

31.6357, 0.3882, 0.4098

Protanomaly

31.6444, 0.3834, 0.4108

Deuteranomaly

31.6266, 0.3981, 0.4017

Tritanomaly

31.7026, 0.3559, 0.3481

Monochromacy



Original Color

31.6357, 0.3882, 0.4098

Achromatopsia

30.9469, 0.3127, 0.3290

Achromatomaly

31.0410, 0.3394, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.6357, 0.3882, 0.4098 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, 151, 96)` looks like.

```
.text, #text, p{  
    color:rgb(171, 151, 96)  
}
```

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, 151, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 151, 96) }
```

Border

The CSS property to change the border of an element to Yxy 31.6357, 0.3882, 0.4098 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, 151, 96) }
```

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

```
.border{ border-color:rgb(171, 151, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 151, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 151, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 151, 96);  
box-shadow:4px 4px 4px 4px rgb(171, 151,  
96) }
```


Background

The CSS property to change the background color of an element to Yxy 31.6357, 0.3882, 0.4098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 151, 96) }
```

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

```
.background{ background-color: rgb(171,  
151, 96) }
```

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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