

Converting Colors

Yxy(31.4397, 0.4064, 0.4343)

Have a look what the booklet for
Yxy(31.4397, 0.4064, 0.4343)
contains.

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Color

Yxy(31.4397, 0.4064, 0.4343)

Conversions

Conversions Part 1

Format	Color
Hex	AC974D
RGB	172, 151, 77
RGB Percent	67%, 59%, 30%
CMY	0.3255, 0.4078, 0.6982
CMYK	0.00, 0.12, 0.55, 0.33
HSL	47°, 38%, 49%
HSV	47°, 55%, 67%
XYZ	29.4200, 31.4397, 11.5320
YIQ	148.8430, 36.2700, -18.5620

Conversions

Conversions Part 2

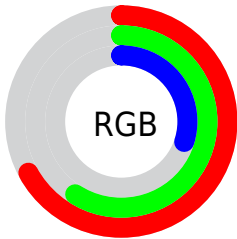
Format	Color
RYB	104, 172, 77
Decimal	11310925
CIELab	62.88, -1.76, 41.37
CIELCh	63, 41.406, 92.441
Yxy	31.4397, 0.4064, 0.4343
Android (android.graphics.Color)	4289501005 (0xFFAC974D)
YUV	148.8430, -35.4186, 20.3087
Hunter-Lab	56.0711, -4.4672, 27.0558

Details

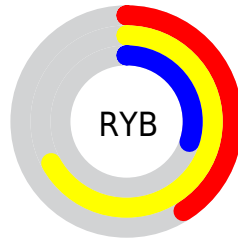
The Yxy color **31.4397, 0.4064, 0.4343** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.2851, 0.2156, 0.1926**, and the grayscale version is **30.1255, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.8792, 0.3889, 0.4147**, and **12.9801, 0.4315, 0.4628** is the 20% darker color. If you saturate the color by 10%, you get **30.0255, 0.4231, 0.4491**, and if you desaturate by 10%, it is **32.9605, 0.3887, 0.4169**.

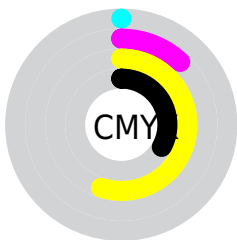
Distribution



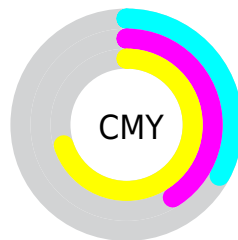
- Red (67%)
- Green (59%)
- Blue (30%)



- Red (41%)
- Yellow (67%)
- Blue (30%)



- Cyan (0%)
- Magenta (12%)
- Yellow (55%)
- Black (33%)




- Cyan (33%)
- Magenta (41%)
- Yellow (70%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4397, 0.4064, 0.4343 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 31.4397, 0.4064, 0.4343 by changing the saturation by 10% instead.


 31.4397, 0.4064,
0.4343


 31.4397, 0.4064,
0.4343


308.5589, 0.3586,
0.3801


 20.9339, 0.4177,
0.4474


 61.9317, 0.3892,
0.4146


 13.0757, 0.4315,
0.4636

 82.6866, 0.3827,
0.4072

 7.4807, 0.4476,
0.4830

 107.6268, 0.3771,
0.4009

 3.7645, 0.4794,
0.5206

 137.1365, 0.3724,
0.3955

 1.5427, 0.4766,
0.5234

 171.6002, 0.3682,
0.3909

 0.3185, 0.4491,
0.5509

211.4022, 0.3646,

 0.0000, 0.0000,

0.3868

0.0000

256.9270, 0.3614,
0.3832

■ 31.4397, 0.4064,
0.4343

■ 31.4397, 0.4064,
0.4343

■ 30.0255, 0.4231,
0.4491

■ 32.9605, 0.3887,
0.4169

■ 28.7080, 0.4381,
0.4602

■ 34.5886, 0.3708,
0.3978

■ 27.4823, 0.4506,
0.4670

■ 36.3299, 0.3531,
0.3780

■ 26.3405, 0.4603,
0.4693

■ 38.1886, 0.3363,
0.3581

■ 25.8198, 0.4644,
0.4695

■ 40.1687, 0.3205,
0.3388

■ 42.2739, 0.3060,
0.3204

■ 44.5077, 0.2927,
0.3031

■ 46.8735, 0.2806,
0.2870

■ 49.3744, 0.2697,
0.2721

Harmonies

Analogous

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



31.4397, 0.4404, 0.3931



31.4397, 0.4064, 0.4343



31.4397, 0.3492, 0.4499

Triad

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



31.4397, 0.4064, 0.4343



31.4397, 0.2019, 0.2941



31.4397, 0.3307, 0.2558

Complementary

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



31.4397, 0.4064, 0.4343



13.2851, 0.2156, 0.1926

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.



31.4397, 0.2665, 0.2319



31.4397, 0.4064, 0.4343



31.4397, 0.1983, 0.2482

Square

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



31.4397, 0.4064, 0.4343



31.4397, 0.2320, 0.3603



31.4397, 0.2204, 0.2283



31.4397, 0.3959, 0.2951

Rectangle

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



31.4397, 0.4064, 0.4343



31.4397, 0.3062, 0.4369



31.4397, 0.2204, 0.2283



31.4397, 0.3081, 0.2458

Sweetspot

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



31.4412, 0.4064, 0.4343



68.5628, 0.3397, 0.3622



14.9780, 0.4344, 0.2967



14.7576, 0.3429, 0.3660



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.



31.4412, 0.4064, 0.4343



53.9901, 0.4261, 0.4515



36.2161, 0.3654, 0.4715



9.0253, 0.3268, 0.3466



19.2955, 0.4638, 0.4699



0.6102, 0.4480, 0.4825

Inverse Universe

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



13.2851, 0.2156, 0.1926



17.8958, 0.1946, 0.1584



11.1245, 0.2327, 0.1658



8.0336, 0.2986, 0.3108



3.3183, 0.1571, 0.0856



0.1718, 0.1727, 0.1418

Previews

White Background



This preview shows how the Yxy color 31.4397, 0.4064, 0.4343 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 31.4397, 0.4064, 0.4343 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

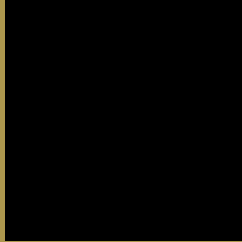
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.4397, 0.4064, 0.4343

Background



This preview shows how black text looks on a background with the Yxy color 31.4397, 0.4064, 0.4343.



This preview shows how white text looks on a background with the Yxy color 31.4397, 0.4064, 0.4343.

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

31.4397, 0.4064, 0.4343

Protanopia

31.3171, 0.4011, 0.4375

Deuteranopia

31.3657, 0.4270, 0.4186



Tritanopia

31.2628, 0.3404, 0.3121

Trichromacy



Original Color

31.4397, 0.4064, 0.4343

Protanomaly

31.4273, 0.4023, 0.4370

Deuteranomaly

31.3626, 0.4198, 0.4233

Tritanomaly

30.9873, 0.3662, 0.3569

Monochromacy



Original Color

31.4397, 0.4064, 0.4343

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.4109, 0.3466, 0.3713

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4397, 0.4064, 0.4343 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(172, 151, 77)` looks like.

```
.text, #text, p{  
    color:rgb(172, 151, 77)  
}
```

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(172, 151, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 151, 77) }
```

Border

The CSS property to change the border of an element to Yxy 31.4397, 0.4064, 0.4343 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(172, 151, 77) }
```

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

```
.border{ border-color:rgb(172, 151, 77) }
```

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

Here you see how a box with a 4 pixel rgb(172, 151, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 151, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 151, 77);  
box-shadow:4px 4px 4px 4px rgb(172, 151,  
77) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4397, 0.4064, 0.4343 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 151, 77) }
```

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

```
.background{ background-color: rgb(172,  
151, 77) }
```

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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