

Converting Colors

Yxy(31.0395, 0.3400, 0.4122)

Have a look what the booklet for
Yxy(31.0395, 0.3400, 0.4122)
contains.

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Color

Yxy(31.0042, 0.3400, 0.4129)

Conversions

Conversions Part 1

Format	Color
Hex	8B9E6B
RGB	139, 158, 107
RGB Percent	55%, 62%, 42%
CMY	0.4549, 0.3804, 0.5803
CMYK	0.12, 0.00, 0.32, 0.38
HSL	82°, 21%, 52%
HSV	82°, 32%, 62%
XYZ	25.5302, 31.0042, 18.5545
YIQ	146.5050, 5.0470, -19.8890

Conversions

Conversions Part 2

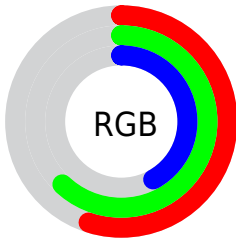
Format	Color
RYB	107, 158, 126
Decimal	9150059
CIELab	62.51, -15.80, 24.48
CIElCh	63, 29.139, 122.840
Yxy	31.0042, 0.3400, 0.4129
Android (android.graphics.Color)	4287340139 (0xFF8B9E6B)
YUV	146.5050, -19.4760, -6.5819
Hunter-Lab	55.6814, -15.5993, 19.2201

Details

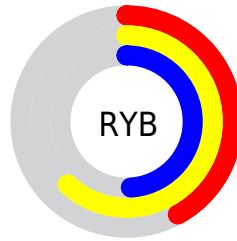
The Yxy color **31.0042, 0.3400, 0.4129** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **17.4252, 0.2778, 0.2416**, and the grayscale version is **29.0448, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.4292, 0.3349, 0.3953**, and **12.9059, 0.3464, 0.4439** is the 20% darker color. If you saturate the color by 10%, you get **30.2096, 0.3474, 0.4407**, and if you desaturate by 10%, it is **31.8896, 0.3318, 0.3855**.

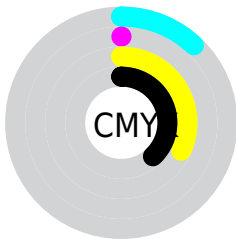
Distribution



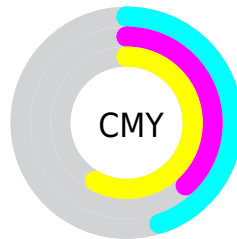
- Red (55%)
- Green (62%)
- Blue (42%)



- Red (42%)
- Yellow (62%)
- Blue (49%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (38%)




- Cyan (45%)
- Magenta (38%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.0042, 0.3400, 0.4129 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 31.0042, 0.3400, 0.4129 by changing the saturation by 10% instead.

 31.0042, 0.3400,
0.4129


 31.0042, 0.3400,
0.4129


306.5577, 0.3264,
0.3669


 20.6020, 0.3432,
0.4258


 61.2467, 0.3352,
0.3951


 12.8334, 0.3470,
0.4433


 81.8558, 0.3333,
0.3888

 7.3139, 0.3515,
0.4681


 106.6360, 0.3317,
0.3835

 3.6592, 0.3559,
0.5056

 135.9718, 0.3304,
0.3791

 1.4848, 0.3861,
0.6139

170.2474, 0.3292,
0.3754

 0.2780, 0.0000,
1.0000

209.8473, 0.3281,

 0.0000, 0.0000,

0.3721

0.0000

255.1560, 0.3272,
0.3693

■ 31.0042, 0.3400,
0.4129

■ 31.0042, 0.3400,
0.4129

■ 30.2096, 0.3474,
0.4407

■ 31.8896, 0.3318,
0.3855

■ 29.4979, 0.3537,
0.4679

■ 32.8652, 0.3232,
0.3591

■ 28.8665, 0.3583,
0.4932

■ 33.9356, 0.3146,
0.3344

■ 28.3108, 0.3608,
0.5156


■ 35.1039, 0.3062,
0.3114

■ 27.8259, 0.3610,
0.5339

■ 36.3729, 0.2981,
0.2905


 27.4057, 0.3588,
0.5473

 37.7456, 0.2905,
0.2714

 27.1144, 0.3562,
0.5554

 39.2245, 0.2833,
0.2543

 40.8122, 0.2766,
0.2388

 42.5113, 0.2705,
0.2250

Harmonies

Analogous

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



31.0042, 0.3807, 0.4057



31.0042, 0.3400, 0.4129



31.0042, 0.2938, 0.3927

Triad

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



31.0042, 0.3400, 0.4129



31.0042, 0.2287, 0.2714



31.0042, 0.3721, 0.3056

Complementary

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



31.0042, 0.3400, 0.4129



17.4252, 0.2778, 0.2416

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.



31.0042, 0.3269, 0.2756



31.0042, 0.3400, 0.4129



31.0042, 0.2459, 0.2554

Square

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



31.0042, 0.3400, 0.4129



31.0042, 0.2317, 0.3053



31.0042, 0.2807, 0.2575



31.0042, 0.4011, 0.3422

Rectangle

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



31.0042, 0.3400, 0.4129



31.0042, 0.2663, 0.3662



31.0042, 0.2807, 0.2575



31.0042, 0.3581, 0.2946

Sweetspot

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



31.0056, 0.3400, 0.4129



60.0710, 0.3215, 0.3539



23.1798, 0.3750, 0.3595



13.4868, 0.3226, 0.3572



80.7346, 0.3127, 0.3290



13.9985, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



31.0056, 0.3400, 0.4129



55.2076, 0.3457, 0.4338



29.0810, 0.3147, 0.4199



7.5968, 0.3206, 0.3515



21.7388, 0.3567, 0.5550



0.4121, 0.3828, 0.5343

Inverse Universe

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



17.4252, 0.2778, 0.2416



26.4718, 0.2676, 0.2188



19.5874, 0.3080, 0.2490



6.5496, 0.3043, 0.3063



2.7393, 0.1821, 0.0777



0.0721, 0.2280, 0.1030

Previews

White Background



This preview shows how the Yxy color 31.0042, 0.3400, 0.4129 looks on a white background.

Color Contrast Check

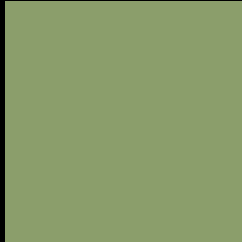
Large Text (above 18pt) WCAG AA × Fail

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 31.0042, 0.3400, 0.4129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

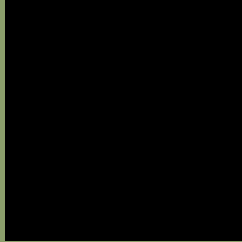
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 31.0042, 0.3400, 0.4129

Background



This preview shows how black text looks on a background with the Yxy color 31.0042, 0.3400, 0.4129.



This preview shows how white text looks on a background with the Yxy color 31.0042, 0.3400, 0.4129.

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

31.0042, 0.3400, 0.4129

Protanopia

30.9192, 0.3716, 0.4008

Deuteranopia

30.9603, 0.3866, 0.3796



Tritanopia

30.9806, 0.2978, 0.3106

Trichromacy



Original Color

31.0042, 0.3400, 0.4129

Protanomaly

31.0011, 0.3594, 0.4061

Deuteranomaly

30.8093, 0.3683, 0.3916

Tritanomaly

31.0237, 0.3129, 0.3465

Monochromacy



Original Color

31.0042, 0.3400, 0.4129

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

29.7285, 0.3236, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.0042, 0.3400, 0.4129 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(139, 158, 107)` looks like.

```
.text, #text, p{  
    color:rgb(139, 158, 107)  
}
```

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(139, 158, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 158, 107) }
```

Border

The CSS property to change the border of an element to Yxy 31.0042, 0.3400, 0.4129 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(139, 158, 107) }
```

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

```
.border{ border-color:rgb(139, 158, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 158, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 158, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 158, 107);  
box-shadow:4px 4px 4px 4px rgb(139, 158,  
107) }
```


Background

The CSS property to change the background color of an element to Yxy 31.0042, 0.3400, 0.4129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 158, 107) }
```

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

```
.background{ background-color: rgb(139,  
158, 107) }
```

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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