

Converting Colors

$Yxy(31.5254, 0.3311, 0.3853)$

Have a look what the booklet for
Yxy(31.5254, 0.3311, 0.3853)
contains.

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Color

Yxy(31.4484, 0.3319, 0.3855)

Conversions

Conversions Part 1

Format	Color
Hex	909D7A
RGB	144, 157, 122
RGB Percent	56%, 62%, 48%
CMY	0.4352, 0.3843, 0.5216
CMYK	0.08, 0.00, 0.22, 0.38
HSL	82°, 15%, 55%
HSV	82°, 22%, 62%
XYZ	27.0758, 31.4484, 23.0540
YIQ	149.1230, 3.4870, -13.6410

Conversions

Conversions Part 2

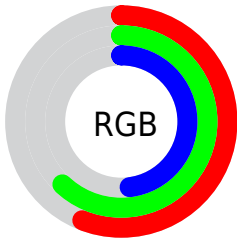
Format	Color
RYB	122, 157, 135
Decimal	9477498
CIELab	62.88, -11.03, 16.80
CIElCh	63, 20.099, 123.276
Yxy	31.4484, 0.3319, 0.3855
Android (android.graphics.Color)	4287667578 (0xFF909D7A)
YUV	149.1230, -13.3716, -4.4929
Hunter-Lab	56.0789, -11.9553, 14.8811

Details

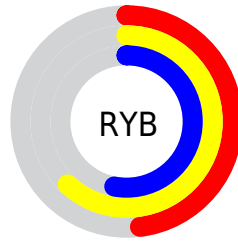
The Yxy color **31.4484, 0.3319, 0.3855** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.4997, 0.2902, 0.2709**, and the grayscale version is **30.1684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **62.1879, 0.3279, 0.3736**, and **13.1163, 0.3371, 0.4067** is the 20% darker color. If you saturate the color by 10%, you get **30.5813, 0.3401, 0.4129**, and if you desaturate by 10%, it is **32.4081, 0.3233, 0.3592**.

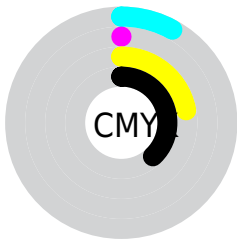
Distribution



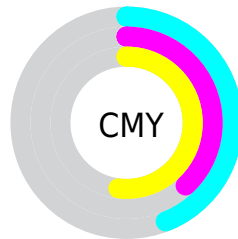
- Red (56%)
- Green (62%)
- Blue (48%)



- Red (48%)
- Yellow (62%)
- Blue (53%)



- Cyan (8%)
- Magenta (0%)
- Yellow (22%)
- Black (38%)





- Cyan (44%)
- Magenta (38%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 31.4484, 0.3319, 0.3855 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 31.4484, 0.3319, 0.3855 by changing the saturation by 10% instead.


 31.4484, 0.3319,
0.3855


 31.4484, 0.3319,
0.3855


308.5988, 0.3221,
0.3547

 20.9405, 0.3344,
0.3941


 61.9453, 0.3283,
0.3737

 13.0805, 0.3375,
0.4057


 82.7032, 0.3270,
0.3694

 7.4840, 0.3416,
0.4223


 107.6465, 0.3258,
0.3659

 3.7666, 0.3470,
0.4478

137.1597, 0.3249,
0.3630

 1.5439, 0.3663,
0.5090

171.6271, 0.3240,
0.3605

 0.3193, 0.0970,
0.9030

211.4332, 0.3233,

 0.0000, 0.0000,

0.3583

0.0000

256.9623, 0.3227,
0.3564

■ 31.4484, 0.3319,
0.3855

■ 31.4484, 0.3319,
0.3855

■ 30.5813, 0.3401,
0.4129

■ 32.4081, 0.3233,
0.3592

■ 29.7992, 0.3476,
0.4406

■ 33.4595, 0.3147,
0.3344

■ 29.0999, 0.3539,
0.4678

■ 34.6069, 0.3062,
0.3115

■ 28.4793, 0.3585,
0.4931

■ 35.8532, 0.2981,
0.2905

■ 27.9331, 0.3611,
0.5154

■ 37.2013, 0.2904,
0.2715

■ 27.4563, 0.3613,
0.5336

■ 38.6536, 0.2832,
0.2543

■ 27.0429, 0.3592,
0.5471

■ 40.2128, 0.2765,
0.2389

■ 26.7571, 0.3566,
0.5551

■ 41.8812, 0.2703,
0.2251

■ 43.1155, 0.2699,
0.2197

Harmonies

Analogous

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



31.4484, 0.3597, 0.3824



31.4484, 0.3319, 0.3855



31.4484, 0.2999, 0.3713

Triad

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



31.4484, 0.3319, 0.3855



31.4484, 0.2537, 0.2893



31.4484, 0.3538, 0.3134

Complementary

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



31.4484, 0.3319, 0.3855



21.4997, 0.2902, 0.2709

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.



31.4484, 0.3234, 0.2916



31.4484, 0.3319, 0.3855



31.4484, 0.2663, 0.2774

Square

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



31.4484, 0.3319, 0.3855



31.4484, 0.2558, 0.3133



31.4484, 0.2913, 0.2785



31.4484, 0.3732, 0.3398

Rectangle

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



31.4484, 0.3319, 0.3855



31.4484, 0.2805, 0.3539



31.4484, 0.2913, 0.2785



31.4484, 0.3445, 0.3054

Sweetspot

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



31.4498, 0.3319, 0.3855



58.9940, 0.3188, 0.3462



25.8530, 0.3524, 0.3497



12.9595, 0.3193, 0.3475



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



31.4498, 0.3319, 0.3855



55.4948, 0.3363, 0.3997



30.0035, 0.3144, 0.3887



7.5975, 0.3207, 0.3515



21.7548, 0.3570, 0.5547



0.4124, 0.3830, 0.5341

Inverse Universe

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



21.4997, 0.2902, 0.2709



34.2991, 0.2838, 0.2558



23.0596, 0.3099, 0.2742



6.5489, 0.3042, 0.3063



2.7306, 0.1818, 0.0775



0.0719, 0.2276, 0.1027

Previews

White Background



This preview shows how the Yxy color 31.4484, 0.3319, 0.3855 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 31.4484, 0.3319, 0.3855 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

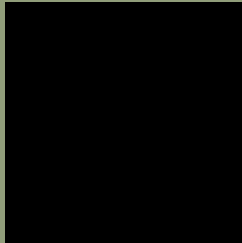
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

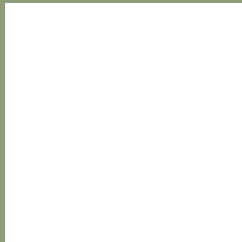
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 31.4484, 0.3319, 0.3855

Background



This preview shows how black text looks on a background with the Yxy color 31.4484, 0.3319, 0.3855.



This preview shows how white text looks on a background with the Yxy color 31.4484, 0.3319, 0.3855.

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

31.4484, 0.3319, 0.3855

Protanopia

31.4939, 0.3543, 0.3781

Deuteranopia

31.2431, 0.3679, 0.3612



Tritanopia

31.2616, 0.3007, 0.3107

Trichromacy



Original Color

31.4484, 0.3319, 0.3855

Protanomaly

31.4602, 0.3452, 0.3807

Deuteranomaly

31.1353, 0.3542, 0.3702

Tritanomaly

31.2165, 0.3123, 0.3368

Monochromacy



Original Color

31.4484, 0.3319, 0.3855

Achromatopsia

30.0544, 0.3127, 0.3290

Achromatomaly

30.5236, 0.3199, 0.3497

CSS Examples

Text

The CSS property to change the color of the text to Yxy 31.4484, 0.3319, 0.3855 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(144, 157, 122)` looks like.

```
.text, #text, p{  
    color:rgb(144, 157, 122)  
}
```

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(144, 157, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 157, 122) }
```

Border

The CSS property to change the border of an element to Yxy 31.4484, 0.3319, 0.3855 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(144, 157, 122) }
```

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

```
.border{ border-color:rgb(144, 157, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 157, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 157, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 157, 122);  
box-shadow:4px 4px 4px 4px rgb(144, 157,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 31.4484, 0.3319, 0.3855 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 157, 122) }
```

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

```
.background{ background-color: rgb(144,  
157, 122) }
```

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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