

Converting Colors

$Yxy(33.0313, 0.3329, 0.4438)$

Have a look what the booklet for
Yxy(33.0313, 0.3329, 0.4438)
contains.

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Color

Yxy(33.0313, 0.3329, 0.4438)

Conversions

Conversions Part 1

Format	Color
Hex	7FA762
RGB	127, 167, 98
RGB Percent	50%, 65%, 38%
CMY	0.5019, 0.3451, 0.6158
CMYK	0.24, 0.00, 0.41, 0.35
HSL	95°, 28%, 52%
HSV	95°, 41%, 65%
XYZ	24.7772, 33.0313, 16.6198
YIQ	147.1740, -1.6910, -29.9390

Conversions

Conversions Part 2

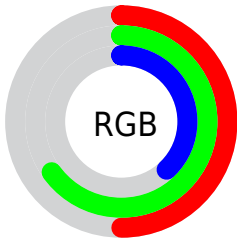
Format	Color
RYB	98, 167, 138
Decimal	8365922
CIELab	64.19, -26.23, 31.37
CIELCh	64, 40.886, 129.899
Yxy	33.0313, 0.3329, 0.4438
Android (android.graphics.Color)	4286556002 (0xFF7FA762)
YUV	147.1740, -24.2428, -17.6926
Hunter-Lab	57.4729, -23.6242, 23.0857

Details

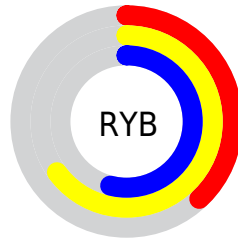
The Yxy color **33.0313, 0.3329, 0.4438** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.9217, 0.2818, 0.2186**, and the grayscale version is **29.3576, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.2683, 0.3301, 0.4186**, and **14.0283, 0.3348, 0.4849** is the 20% darker color. If you saturate the color by 10%, you get **32.0419, 0.3359, 0.4742**, and if you desaturate by 10%, it is **34.1607, 0.3288, 0.4135**.

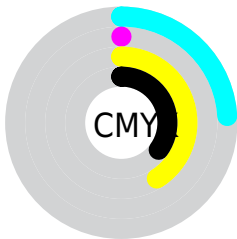
Distribution



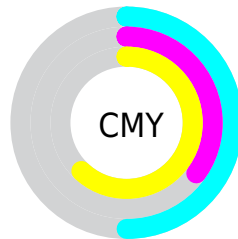
- Red (50%)
- Green (65%)
- Blue (38%)



- Red (38%)
- Yellow (65%)
- Blue (54%)



- Cyan (24%)
- Magenta (0%)
- Yellow (41%)
- Black (35%)





- Cyan (50%)
- Magenta (35%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0313, 0.3329, 0.4438 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 33.0313, 0.3329, 0.4438 by changing the saturation by 10% instead.


 33.0313, 0.3329,
0.4438

 33.0313, 0.3329,
0.4438


315.7907, 0.3243,
0.3806


 22.1504, 0.3342,
0.4615


 64.4244, 0.3303,
0.4194

 13.9675, 0.3351,
0.4854


 85.7054, 0.3292,
0.4106

 8.0980, 0.3347,
0.5189


 111.2219, 0.3281,
0.4034

 4.1577, 0.3310,
0.5699

 141.3583, 0.3272,
0.3974

 1.7622, 0.3261,
0.6739

176.4990, 0.3263,
0.3922

 0.4634, 0.0000,
1.0000

217.0284, 0.3256,

 0.0000, 0.0000,

0.3878

0.0000

263.3308, 0.3249,
0.3839

■ 33.0313, 0.3329,
0.4438

■ 33.0313, 0.3329,
0.4438

■ 32.0419, 0.3359,
0.4742

■ 34.1607, 0.3288,
0.4135

■ 31.1822, 0.3375,
0.5034

■ 35.4314, 0.3240,
0.3844

■ 30.4467, 0.3373,
0.5298


■ 36.8504, 0.3188,
0.3572


■ 29.8282, 0.3352,
0.5517


■ 38.4225, 0.3134,
0.3322


■ 29.3181, 0.3313,
0.5681


■ 40.1526, 0.3081,
0.3095

 28.9496, 0.3270,
0.5785

 42.0452, 0.3029,
0.2891

 44.1047, 0.2980,
0.2710

 46.3353, 0.2933,
0.2548

 48.7410, 0.2890,
0.2405

Harmonies

Analogous

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



33.0313, 0.3918, 0.4384



33.0313, 0.3329, 0.4438



33.0313, 0.2717, 0.4070

Triad

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



33.0313, 0.3329, 0.4438



33.0313, 0.2042, 0.2433



33.0313, 0.4066, 0.3073

Complementary

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



33.0313, 0.3329, 0.4438



16.9217, 0.2818, 0.2186

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.



33.0313, 0.3468, 0.2660



33.0313, 0.3329, 0.4438



33.0313, 0.2319, 0.2297

Square

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



33.0313, 0.3329, 0.4438



33.0313, 0.2014, 0.2819



33.0313, 0.2822, 0.2384



33.0313, 0.4385, 0.3555

Rectangle

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



33.0313, 0.3329, 0.4438



33.0313, 0.2379, 0.3651



33.0313, 0.2822, 0.2384



33.0313, 0.3887, 0.2924

Sweetspot

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



33.0327, 0.3329, 0.4438



65.7595, 0.3193, 0.3595



27.0145, 0.3902, 0.3890



14.6428, 0.3199, 0.3628



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



33.0327, 0.3329, 0.4438



57.4551, 0.3358, 0.4729



31.2041, 0.3035, 0.4451



8.5562, 0.3177, 0.3519



22.1800, 0.3277, 0.5780



0.5699, 0.3557, 0.5558

Inverse Universe

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



16.9217, 0.2818, 0.2186



24.4761, 0.2722, 0.1919



19.5702, 0.3230, 0.2353



7.5070, 0.3073, 0.3063



4.0978, 0.2202, 0.0987



0.1288, 0.2539, 0.1172

Previews

White Background



This preview shows how the Yxy color 33.0313, 0.3329, 0.4438 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 33.0313, 0.3329, 0.4438 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

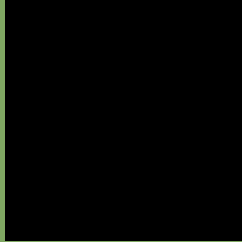
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0313, 0.3329, 0.4438

Background



This preview shows how black text looks on a background with the Yxy color 33.0313, 0.3329, 0.4438.



This preview shows how white text looks on a background with the Yxy color 33.0313, 0.3329, 0.4438.

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

33.0313, 0.3329, 0.4438

Protanopia

32.7791, 0.3874, 0.4195

Deuteranopia

32.5782, 0.4008, 0.3929



Tritanopia

32.7973, 0.2832, 0.3090

Trichromacy



Original Color

33.0313, 0.3329, 0.4438

Protanomaly

32.4925, 0.3661, 0.4280

Deuteranomaly

32.3816, 0.3747, 0.4100

Tritanomaly

32.5717, 0.3021, 0.3564

Monochromacy



Original Color

33.0313, 0.3329, 0.4438

Achromatopsia

29.1771, 0.3127, 0.3290

Achromatomaly

30.2716, 0.3218, 0.3699

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0313, 0.3329, 0.4438 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(127, 167, 98)` looks like.

```
.text, #text, p{  
    color:rgb(127, 167, 98)  
}
```

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(127, 167, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 167, 98) }
```

Border

The CSS property to change the border of an element to Yxy 33.0313, 0.3329, 0.4438 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(127, 167, 98) }
```

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

```
.border{ border-color:rgb(127, 167, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 167, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 167, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(127, 167, 98);  
box-shadow:4px 4px 4px 4px rgb(127, 167,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0313, 0.3329, 0.4438 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 167, 98) }
```

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

```
.background{ background-color: rgb(127,  
167, 98) }
```

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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