

Converting Colors

$Yxy(32.9883, 0.3277, 0.3825)$

Have a look what the booklet for
Yxy(32.9883, 0.3277, 0.3825)
contains.

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Color

Yxy(33.0418, 0.3275, 0.3830)

Conversions

Conversions Part 1

Format	Color
Hex	91A17F
RGB	145, 161, 127
RGB Percent	57%, 63%, 50%
CMY	0.4314, 0.3686, 0.5019
CMYK	0.10, 0.00, 0.21, 0.37
HSL	88°, 15%, 56%
HSV	88°, 21%, 63%
XYZ	28.2538, 33.0418, 24.9755
YIQ	152.3400, 1.3780, -13.9660

Conversions

Conversions Part 2

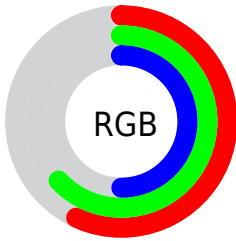
Format	Color
RYB	127, 161, 143
Decimal	9544063
CIELab	64.19, -11.97, 15.84
CIELCh	64, 19.854, 127.085
Yxy	33.0418, 0.3275, 0.3830
Android (android.graphics.Color)	4287734143 (0xFF91A17F)
YUV	152.3400, -12.4926, -6.4372
Hunter-Lab	57.4820, -12.8565, 14.4764

Details

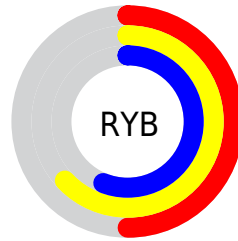
The Yxy color **33.0418, 0.3275, 0.3830** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **23.6008, 0.2952, 0.2748**, and the grayscale version is **31.6099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.5491, 0.3246, 0.3719**, and **13.8670, 0.3311, 0.4007** is the 20% darker color. If you saturate the color by 10%, you get **31.9902, 0.3341, 0.4111**, and if you desaturate by 10%, it is **34.2093, 0.3205, 0.3564**.

Distribution



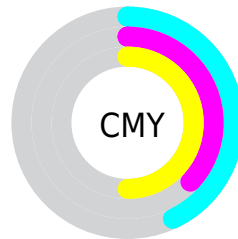
- Red (57%)
- Green (63%)
- Blue (50%)



- Red (50%)
- Yellow (63%)
- Blue (56%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (37%)





- Cyan (43%)
- Magenta (37%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0418, 0.3275, 0.3830 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 33.0418, 0.3275, 0.3830 by changing the saturation by 10% instead.


 33.0418, 0.3275,
0.3830

 33.0418, 0.3275,
0.3830


315.8380, 0.3201,
0.3538

 22.1585, 0.3293,
0.3911


 64.4408, 0.3248,
0.3718

 13.9734, 0.3316,
0.4020


 85.7252, 0.3238,
0.3678

 8.1022, 0.3346,
0.4175


 111.2455, 0.3229,
0.3645

 4.1604, 0.3383,
0.4412

141.3860, 0.3222,
0.3616

 1.7637, 0.3465,
0.4869

176.5311, 0.3216,
0.3592

 0.4644, 0.2431,
0.7569

217.0652, 0.3210,

 0.0000, 0.0000,

0.3572

0.0000

263.3727, 0.3205,
0.3554

■ 33.0418, 0.3275,
0.3830

■ 33.0418, 0.3275,
0.3830

■ 31.9902, 0.3341,
0.4111

■ 34.2093, 0.3205,
0.3564

■ 31.0462, 0.3400,
0.4401

■ 35.4923, 0.3135,
0.3316

■ 30.2069, 0.3447,
0.4689

■ 36.8959, 0.3066,
0.3089

■ 29.4675, 0.3479,
0.4963

■ 38.4235, 0.2999,
0.2884

■ 28.8229, 0.3492,
0.5209

■ 40.0783, 0.2935,
0.2699

■ 28.2674, 0.3483,
0.5414

■ 41.8637, 0.2876,
0.2534

■ 27.7942, 0.3453,
0.5569

■ 43.7826, 0.2820,
0.2386

■ 27.4298, 0.3413,
0.5672

■ 45.7846, 0.2774,
0.2262

■ 46.8940, 0.2833,
0.2279

Harmonies

Analogous

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



33.0418, 0.3555, 0.3821



33.0418, 0.3275, 0.3830



33.0418, 0.2965, 0.3672

Triad

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



33.0418, 0.3275, 0.3830



33.0418, 0.2560, 0.2883



33.0418, 0.3558, 0.3170

Complementary

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



33.0418, 0.3275, 0.3830



23.6008, 0.2952, 0.2748

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.



33.0418, 0.3271, 0.2949



33.0418, 0.3275, 0.3830



33.0418, 0.2701, 0.2782

Square

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



33.0418, 0.3275, 0.3830



33.0418, 0.2562, 0.3103



33.0418, 0.2957, 0.2809



33.0418, 0.3727, 0.3428

Rectangle

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



33.0418, 0.3275, 0.3830



33.0418, 0.2782, 0.3495



33.0418, 0.2957, 0.2809



33.0418, 0.3472, 0.3090

Sweetspot

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



33.0432, 0.3275, 0.3830



62.3841, 0.3170, 0.3437



28.7196, 0.3490, 0.3537



13.6518, 0.3174, 0.3452



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.



33.0432, 0.3275, 0.3830



58.3279, 0.3304, 0.3951



31.6250, 0.3111, 0.3858



8.0708, 0.3192, 0.3517



21.9311, 0.3419, 0.5667



0.4887, 0.3700, 0.5444

Inverse Universe

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



23.6008, 0.2952, 0.2748



38.5410, 0.2909, 0.2625



25.2188, 0.3138, 0.2777



7.0158, 0.3057, 0.3063



3.3007, 0.1987, 0.0868



0.0974, 0.2412, 0.1102

Previews

White Background



This preview shows how the Yxy color 33.0418, 0.3275, 0.3830 looks on a white background.

Color Contrast Check

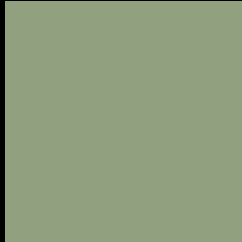
Large Text (above 18pt) WCAG AA × Fail

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 33.0418, 0.3275, 0.3830 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 33.0418, 0.3275, 0.3830

Background



This preview shows how black text looks on a background with the Yxy color 33.0418, 0.3275, 0.3830.



This preview shows how white text looks on a background with the Yxy color 33.0418, 0.3275, 0.3830.

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

33.0418, 0.3275, 0.3830

Protanopia

32.8973, 0.3526, 0.3757

Deuteranopia

32.6636, 0.3648, 0.3578



Tritanopia

32.8492, 0.2973, 0.3095

Trichromacy



Original Color

33.0418, 0.3275, 0.3830

Protanomaly

32.8637, 0.3436, 0.3782

Deuteranomaly

32.5565, 0.3515, 0.3665

Tritanomaly

32.8034, 0.3085, 0.3351

Monochromacy



Original Color

33.0418, 0.3275, 0.3830

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

31.8154, 0.3178, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0418, 0.3275, 0.3830 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(145, 161, 127)` looks like.

```
.text, #text, p{  
    color:rgb(145, 161, 127)  
}
```

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(145, 161, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(145, 161, 127) }
```

Border

The CSS property to change the border of an element to Yxy 33.0418, 0.3275, 0.3830 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(145, 161, 127) }
```

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

```
.border{ border-color:rgb(145, 161, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(145, 161, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(145, 161, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(145, 161, 127);  
box-shadow:4px 4px 4px 4px rgb(145, 161,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0418, 0.3275, 0.3830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(145, 161, 127) }
```

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

```
.background{ background-color: rgb(145,  
161, 127) }
```

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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