

Converting Colors

Yxy(33.2182, 0.3465, 0.3402)

Have a look what the booklet for
Yxy(33.2182, 0.3465, 0.3402)
contains.

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Color

Yxy(33.3465, 0.3465, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	B0978F
RGB	176, 151, 143
RGB Percent	69%, 59%, 56%
CMY	0.3099, 0.4078, 0.4392
CMYK	0.00, 0.14, 0.19, 0.31
HSL	15°, 17%, 63%
HSV	15°, 19%, 69%
XYZ	33.9241, 33.3465, 30.6345
YIQ	157.5630, 17.4680, 2.8120

Conversions

Conversions Part 2

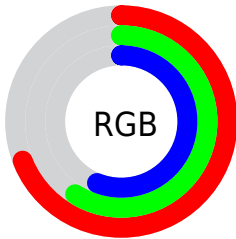
Format	Color
RYB	176, 154, 143
Decimal	11573135
CIELab	64.44, 7.95, 7.64
CIELCh	64, 11.021, 43.867
Yxy	33.3465, 0.3465, 0.3406
Android (android.graphics.Color)	4289763215 (0xFFB0978F)
YUV	157.5630, -7.1796, 16.1692
Hunter-Lab	57.7464, 3.8067, 8.9691

Details

The Yxy color **33.3465, 0.3465, 0.3406** is a light color, and the websafe version is hex **999999**. A complement of this color would be **36.9623, 0.2844, 0.3171**, and the grayscale version is **34.0106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **64.8497, 0.3396, 0.3379**, and **14.1156, 0.3575, 0.3433** is the 20% darker color. If you saturate the color by 10%, you get **28.8075, 0.3697, 0.3473**, and if you desaturate by 10%, it is **38.4566, 0.3271, 0.3342**.

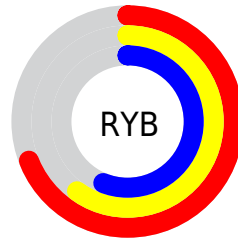
Distribution



Red (69%)

Green (59%)

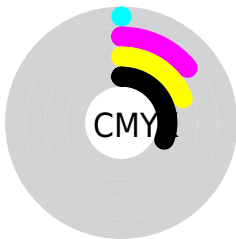
Blue (56%)



Red (69%)

Yellow (60%)

Blue (56%)

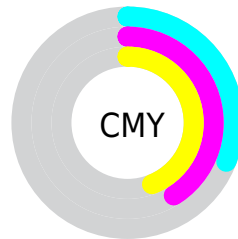


Cyan (0%)

Magenta (14%)

Yellow (19%)

Black (31%)



Cyan (31%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.3465, 0.3465, 0.3406 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 33.3465, 0.3465, 0.3406 by changing the saturation by 10% instead.

 33.3465, 0.3465,
0.3406


 33.3465, 0.3465,
0.3406


317.2082, 0.3286,
0.3347

 22.3920, 0.3514,
0.3421


 64.9161, 0.3397,
0.3384

 14.1452, 0.3578,
0.3440


 86.3001, 0.3372,
0.3376

 8.2217, 0.3669,
0.3466


111.9293, 0.3352,
0.3369

 4.2372, 0.3805,
0.3502

142.1881, 0.3335,
0.3364

 1.8071, 0.4030,
0.3555

177.4611, 0.3320,
0.3359

 0.4916, 0.5729,
0.4260

218.1325, 0.3307,

 0.0000, 0.0000,

0.3354

0.0000

264.5867, 0.3295,
0.3350

■ 33.3465, 0.3465,
0.3406

■ 33.3465, 0.3465,
0.3406

■ 28.8075, 0.3697,
0.3473

■ 38.4566, 0.3271,
0.3342

■ 24.8151, 0.3972,
0.3539

■ 44.1522, 0.3108,
0.3283

■ 21.3498, 0.4291,
0.3601

■ 50.4528, 0.2973,
0.3228

■ 18.3890, 0.4652,
0.3651

■ 57.3757, 0.2859,
0.3178

■ 15.9085, 0.5040,
0.3679

■ 64.9375, 0.2763,
0.3132

■ 13.8820, 0.5428,
0.3676

■ 73.1540, 0.2682,
0.3091

■ 12.2805, 0.5777,
0.3633

■ 81.2995, 0.2667,
0.3171

■ 11.0675, 0.6053,
0.3558

■ 87.9668, 0.2681,
0.3289

■ 10.9384, 0.6086,
0.3550

Harmonies

Analogous

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



33.3465, 0.3393, 0.3258



33.3465, 0.3465, 0.3406



33.3465, 0.3444, 0.3529

Triad

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



33.3465, 0.3465, 0.3406



33.3465, 0.3003, 0.3467



33.3465, 0.2917, 0.3000

Complementary

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



33.3465, 0.3465, 0.3406



36.9623, 0.2844, 0.3171

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.



33.3465, 0.2819, 0.3046



33.3465, 0.3465, 0.3406



33.3465, 0.2867, 0.3314

Square

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



33.3465, 0.3465, 0.3406



33.3465, 0.3174, 0.3570



33.3465, 0.2801, 0.3159



33.3465, 0.3073, 0.3029

Rectangle

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



33.3465, 0.3465, 0.3406



33.3465, 0.3380, 0.3579



33.3465, 0.2801, 0.3159



33.3465, 0.2877, 0.3007

Sweetspot

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



33.3480, 0.3465, 0.3406



72.3877, 0.3225, 0.3326



31.7092, 0.3224, 0.2936



15.5505, 0.3236, 0.3330



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



33.3480, 0.3465, 0.3406



57.3809, 0.3545, 0.3430



38.9132, 0.3425, 0.3631



8.8297, 0.3281, 0.3346



8.1075, 0.6068, 0.3564



0.3477, 0.5524, 0.3996

Inverse Universe

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



36.9623, 0.2844, 0.3171



65.0125, 0.2790, 0.3145



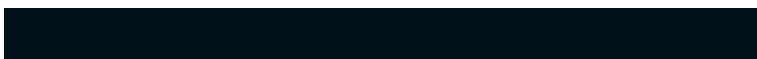
31.3622, 0.2831, 0.2925



9.2746, 0.2986, 0.3233



14.7463, 0.2027, 0.2496



0.5484, 0.2095, 0.2743

Previews

White Background



This preview shows how the Yxy color 33.3465, 0.3465, 0.3406 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 33.3465, 0.3465, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

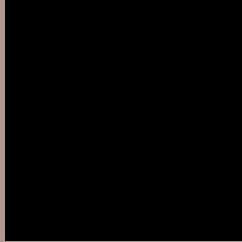
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.3465, 0.3465, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 33.3465, 0.3465, 0.3406.



This preview shows how white text looks on a background with the Yxy color 33.3465, 0.3465, 0.3406.

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

33.3465, 0.3465, 0.3406

Protanopia

33.5336, 0.3280, 0.3440

Deuteranopia

33.3465, 0.3465, 0.3406



Tritanopia

33.1829, 0.3321, 0.3122

Trichromacy



Original Color

33.3465, 0.3465, 0.3406

Protanomaly

33.3710, 0.3344, 0.3423

Deuteranomaly

33.3465, 0.3465, 0.3406

Tritanomaly

33.1751, 0.3369, 0.3220

Monochromacy



Original Color

33.3465, 0.3465, 0.3406

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.7419, 0.3246, 0.3320

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.3465, 0.3465, 0.3406 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(176, 151, 143)` looks like.

```
.text, #text, p{  
    color:rgb(176, 151, 143)  
}
```

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(176, 151, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 151, 143) }
```

Border

The CSS property to change the border of an element to Yxy 33.3465, 0.3465, 0.3406 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(176, 151, 143) }
```

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

```
.border{ border-color:rgb(176, 151, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 151, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 151, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 151, 143);  
box-shadow:4px 4px 4px 4px rgb(176, 151,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 33.3465, 0.3465, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 151, 143) }
```

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

```
.background{ background-color: rgb(176,  
151, 143) }
```

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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