

Converting Colors

$Yxy(34.2241, 0.2868, 0.3574)$

Have a look what the booklet for
Yxy(34.2241, 0.2868, 0.3574)
contains.

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Color

Yxy(34.3448, 0.2871, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	7AA896
RGB	122, 168, 150
RGB Percent	48%, 66%, 59%
CMY	0.5215, 0.3412, 0.4118
CMYK	0.27, 0.00, 0.11, 0.34
HSL	157°, 21%, 57%
HSV	157°, 27%, 66%
XYZ	27.5353, 34.3448, 34.0283
YIQ	152.1940, -21.6380, -15.3500

Conversions

Conversions Part 2

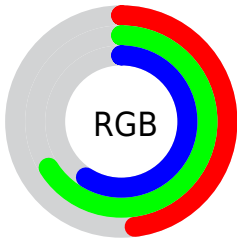
Format	Color
RYB	122, 151, 168
Decimal	8038550
CIELab	65.24, -19.31, 4.34
CIELCh	65, 19.791, 167.342
Yxy	34.3448, 0.2871, 0.3581
Android (android.graphics.Color)	4286228630 (0xFF7AA896)
YUV	152.1940, -1.0816, -26.4801
Hunter-Lab	58.6044, -18.6895, 6.5967

Details

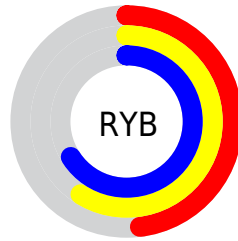
The Yxy color $34.3448, 0.2871, 0.3581$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $24.1438, 0.3481, 0.3018$, and the grayscale version is $31.5015, 0.3127, 0.3290$.

A 20% lighter version of the original color is $66.2489, 0.2920, 0.3520$, and $14.7694, 0.2792, 0.3692$ is the 20% darker color. If you saturate the color by 10%, you get $33.0177, 0.2789, 0.3707$, and if you desaturate by 10%, it is $35.8987, 0.2961, 0.3466$.

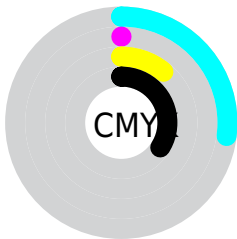
Distribution



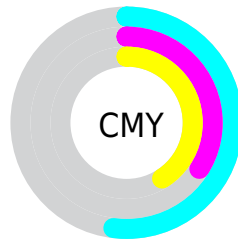
- Red (48%)
- Green (66%)
- Blue (59%)



- Red (48%)
- Yellow (59%)
- Blue (66%)



- Cyan (27%)
- Magenta (0%)
- Yellow (11%)
- Black (34%)





- Cyan (52%)
- Magenta (34%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.3448, 0.2871, 0.3581 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 34.3448, 0.2871, 0.3581 by changing the saturation by 10% instead.


 34.3448, 0.2871,
0.3581


 34.3448, 0.2871,
0.3581


321.6668, 0.3007,
0.3425


 23.1586, 0.2834,
0.3624


 66.4695, 0.2922,
0.3522

 14.7107, 0.2785,
0.3681


 88.1768, 0.2941,
0.3500

 8.6166, 0.2717,
0.3761

 114.1599, 0.2957,
0.3483

 4.4919, 0.2614,
0.3884

144.8033, 0.2970,
0.3468

 1.9524, 0.2444,
0.4092

180.4912, 0.2981,
0.3455

 0.5796, 0.0805,
0.5873

221.6082, 0.2991,

 0.0000, 0.0000,

0.3444

0.0000

268.5386, 0.2999,
0.3434

■ 34.3448, 0.2871,
0.3581

■ 34.3448, 0.2871,
0.3581

■ 33.0177, 0.2789,
0.3707

■ 35.8987, 0.2961,
0.3466

■ 31.9020, 0.2718,
0.3842

■ 37.6854, 0.3056,
0.3361

■ 30.9870, 0.2661,
0.3984

■ 39.7159, 0.3153,
0.3266

■ 30.2594, 0.2620,
0.4132

■ 41.9995, 0.3251,
0.3182

■ 29.7043, 0.2598,
0.4282

■ 44.5447, 0.3348,
0.3107

■ 29.3041, 0.2595,
0.4432

■ 47.3597, 0.3443,
0.3042

■ 29.0319, 0.2611,
0.4580

■ 50.4524, 0.3536,
0.2984

■ 28.9685, 0.2616,
0.4618

■ 53.5595, 0.3612,
0.2932

■ 53.8792, 0.3552,
0.2866

Harmonies

Analogous

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



34.3448, 0.3167, 0.3785



34.3448, 0.2871, 0.3581



34.3448, 0.2650, 0.3293

Triad

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



34.3448, 0.2871, 0.3581



34.3448, 0.2783, 0.2785



34.3448, 0.3737, 0.3512

Complementary

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



34.3448, 0.2871, 0.3581



24.1438, 0.3481, 0.3018

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.



34.3448, 0.3625, 0.3258



34.3448, 0.2871, 0.3581



34.3448, 0.3063, 0.2852

Square

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



34.3448, 0.2871, 0.3581



34.3448, 0.2601, 0.2841



34.3448, 0.3374, 0.3021



34.3448, 0.3675, 0.3726

Rectangle

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



34.3448, 0.2871, 0.3581



34.3448, 0.2570, 0.3104



34.3448, 0.3374, 0.3021



34.3448, 0.3718, 0.3429

Sweetspot

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



34.3462, 0.2871, 0.3581



68.1174, 0.3048, 0.3368



35.0224, 0.3261, 0.4021



14.7387, 0.3034, 0.3383



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.



34.3462, 0.2871, 0.3581



60.7760, 0.2819, 0.3658



33.3038, 0.2730, 0.3216



8.4815, 0.3037, 0.3380



21.8862, 0.2612, 0.4604



0.5421, 0.2477, 0.4117

Inverse Universe

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



24.1438, 0.3481, 0.3018



39.0586, 0.3590, 0.2953



24.8114, 0.3687, 0.3362



7.5892, 0.3227, 0.3202



6.5913, 0.5369, 0.2732



0.1705, 0.4508, 0.2257

Previews

White Background



This preview shows how the Yxy color 34.3448, 0.2871, 0.3581 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 34.3448, 0.2871, 0.3581 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

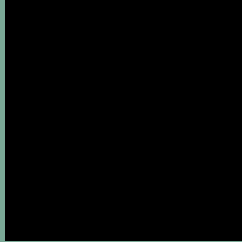
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 34.3448, 0.2871, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 34.3448, 0.2871, 0.3581.



This preview shows how white text looks on a background with the Yxy color 34.3448, 0.2871, 0.3581.

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

34.3448, 0.2871, 0.3581

Protanopia

34.0201, 0.3318, 0.3483

Deuteranopia

34.1963, 0.3351, 0.3291



Tritanopia

34.3144, 0.2711, 0.3090

Trichromacy



Original Color

34.3448, 0.2871, 0.3581

Protanomaly

33.9546, 0.3145, 0.3521

Deuteranomaly

33.7886, 0.3162, 0.3380

Tritanomaly

34.1359, 0.2771, 0.3258

Monochromacy



Original Color

34.3448, 0.2871, 0.3581

Achromatopsia

31.3989, 0.3127, 0.3290

Achromatomaly

32.3508, 0.3026, 0.3400

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.3448, 0.2871, 0.3581 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(122, 168, 150)` looks like.

```
.text, #text, p{  
    color:rgb(122, 168, 150)  
}
```

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(122, 168, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 168, 150) }
```

Border

The CSS property to change the border of an element to Yxy 34.3448, 0.2871, 0.3581 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(122, 168, 150) }
```

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

```
.border{ border-color:rgb(122, 168, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 168, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 168, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 168, 150);  
box-shadow:4px 4px 4px 4px rgb(122, 168,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 34.3448, 0.2871, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 168, 150) }
```

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

```
.background{ background-color: rgb(122,  
168, 150) }
```

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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