

Converting Colors

$Y_{xy}(23.8531, 0.3442, 0.3639)$

Have a look what the booklet for
Yxy(23.8531, 0.3442, 0.3639)
contains.

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Color

Yxy(23.9932, 0.3448, 0.3651)

Conversions

Conversions Part 1

Format	Color
Hex	8E8671
RGB	142, 134, 113
RGB Percent	56%, 53%, 44%
CMY	0.4432, 0.4745, 0.5568
CMYK	0.00, 0.06, 0.20, 0.44
HSL	43°, 11%, 50%
HSV	43°, 20%, 56%
XYZ	22.6591, 23.9932, 19.0644
YIQ	133.9980, 11.5090, -4.8350

Conversions

Conversions Part 2

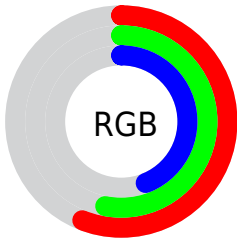
Format	Color
R_{YB}	124, 142, 113
Decimal	9340529
CIE Lab	56.08, -0.66, 12.39
CIE LCh	56, 12.407, 93.063
Yxy	23.9932, 0.3448, 0.3651
Android (android.graphics.Color)	4287530609 (0xFF8E8671)
YUV	133.9980, -10.3520, 7.0178
Hunter-Lab	48.9829, -3.1471, 11.2119

Details

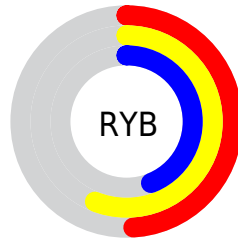
The Yxy color **23.9932, 0.3448, 0.3651** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **19.1361, 0.2809, 0.2901**, and the grayscale version is **23.8750, 0.3127, 0.3290**.

A 20% lighter version of the original color is **49.9930, 0.3379, 0.3569**, and **9.1028, 0.3559, 0.3804** is the 20% darker color. If you saturate the color by 10%, you get **22.6386, 0.3624, 0.3835**, and if you desaturate by 10%, it is **25.4399, 0.3284, 0.3470**.

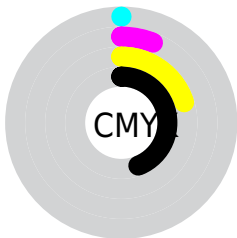
Distribution



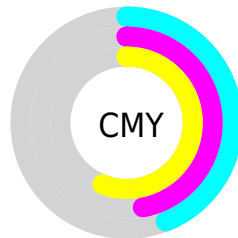
- Red (56%)
- Green (53%)
- Blue (44%)



- Red (49%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (6%)
- Yellow (20%)
- Black (44%)



- Cyan (44%)
- Magenta (47%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 23.9932, 0.3448, 0.3651 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 23.9932, 0.3448, 0.3651 by changing the saturation by 10% instead.

■ 23.9932, 0.3448,
0.3651

■ 23.9932, 0.3448,
0.3651

272.7861, 0.3270,
0.3451

■ 15.3286, 0.3499,
0.3709

■ 50.0191, 0.3379,
0.3573

■ 9.0503, 0.3569,
0.3789

■ 68.1492, 0.3354,
0.3545

■ 4.7740, 0.3671,
0.3905

■ 90.2032, 0.3334,
0.3522

■ 2.1153, 0.3831,
0.4089

■ 116.5655, 0.3317,
0.3503

■ 0.6732, 0.4809,
0.5191

147.6206, 0.3303,
0.3487

■ 0.0000, 0.0000,
0.0000

183.7528, 0.3290,

0.3473

225.3465, 0.3280,
0.3461

■ 23.9932, 0.3448,
0.3651

■ 23.9932, 0.3448,
0.3651

■ 22.6386, 0.3624,
0.3835

■ 25.4399, 0.3284,
0.3470

■ 21.3702, 0.3808,
0.4017

■ 26.9780, 0.3133,
0.3297

■ 20.1860, 0.3997,
0.4188

■ 28.6112, 0.2995,
0.3133

■ 19.0830, 0.4184,
0.4341

■ 30.3417, 0.2871,
0.2980

■ 18.0576, 0.4361,
0.4464

■ 32.1717, 0.2760,
0.2838

■ 17.1059, 0.4521,
0.4550

■ 34.1035, 0.2659,
0.2707

■ 16.2236, 0.4655,
0.4591

■ 36.1391, 0.2570,
0.2587

■ 15.4305, 0.4766,
0.4598

■ 38.2804, 0.2490,
0.2478

■ 40.5295, 0.2418,
0.2378

Harmonies

Analogous

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



23.9932, 0.3549, 0.3538



23.9932, 0.3448, 0.3651



23.9932, 0.3262, 0.3666

Triad

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



23.9932, 0.3448, 0.3651



23.9932, 0.2738, 0.3190



23.9932, 0.3200, 0.3031

Complementary

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



23.9932, 0.3448, 0.3651



19.1361, 0.2809, 0.2901

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.



23.9932, 0.2983, 0.2942



23.9932, 0.3448, 0.3651



23.9932, 0.2722, 0.3025

Square

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



23.9932, 0.3448, 0.3651



23.9932, 0.2854, 0.3393



23.9932, 0.2810, 0.2937



23.9932, 0.3403, 0.3184

Rectangle

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



23.9932, 0.3448, 0.3651



23.9932, 0.3117, 0.3614



23.9932, 0.2810, 0.2937



23.9932, 0.3126, 0.2993

Sweetspot

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



23.9943, 0.3448, 0.3651



46.0145, 0.3218, 0.3395



18.9491, 0.3409, 0.3147



10.2445, 0.3226, 0.3405



71.0566, 0.3127, 0.3290



10.6539, 0.3127, 0.3290

Same Dimension

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



23.9943, 0.3448, 0.3651



41.3256, 0.3519, 0.3726



25.7422, 0.3352, 0.3791



6.0379, 0.3265, 0.3449



13.8902, 0.4762, 0.4601



0.1697, 0.4453, 0.4846

Inverse Universe

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



19.1361, 0.2809, 0.2901



31.3264, 0.2739, 0.2812



17.7092, 0.2873, 0.2760



5.4816, 0.2990, 0.3126



3.0888, 0.1606, 0.0982



0.0625, 0.1821, 0.1757

Previews

White Background



This preview shows how the Yxy color 23.9932, 0.3448, 0.3651 looks on a white background.

Color Contrast Check

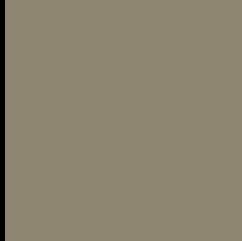
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.9932, 0.3448, 0.3651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

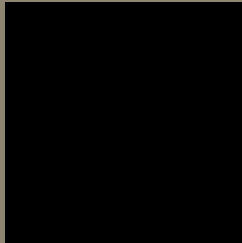
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

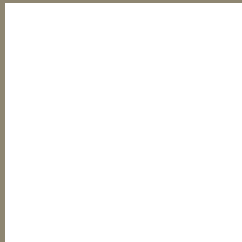
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 23.9932, 0.3448, 0.3651

Background



This preview shows how black text looks on a background with the Yxy color 23.9932, 0.3448, 0.3651.



This preview shows how white text looks on a background with the Yxy color 23.9932, 0.3448, 0.3651.

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

23.9932, 0.3448, 0.3651

Protanopia

23.9932, 0.3448, 0.3651

Deuteranopia

23.8840, 0.3614, 0.3537



Tritanopia

23.9697, 0.3204, 0.3126

Trichromacy



Original Color

23.9932, 0.3448, 0.3651

Protanomaly

23.9932, 0.3448, 0.3651

Deuteranomaly

23.9315, 0.3545, 0.3574

Tritanomaly

23.8640, 0.3302, 0.3307

Monochromacy



Original Color

23.9932, 0.3448, 0.3651

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

23.8749, 0.3246, 0.3428

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9932, 0.3448, 0.3651 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(142, 134, 113)` looks like.

```
.text, #text, p{  
    color:rgb(142, 134, 113)  
}
```

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(142, 134, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(142, 134, 113) }
```

Border

The CSS property to change the border of an element to Yxy 23.9932, 0.3448, 0.3651 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(142, 134, 113) }
```

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

```
.border{ border-color:rgb(142, 134, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(142, 134, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(142, 134, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(142, 134, 113);  
box-shadow:4px 4px 4px 4px rgb(142, 134,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9932, 0.3448, 0.3651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(142, 134, 113) }
```

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

```
.background{ background-color: rgb(142,  
134, 113) }
```

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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