

Converting Colors

$Y_{xy}(23.0868, 0.3486, 0.3582)$

Have a look what the booklet for
Yxy(23.0868, 0.3486, 0.3582)
contains.

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Color

Yxy(23.0868, 0.3486, 0.3582)

Conversions

Conversions Part 1

Format	Color
Hex	908271
RGB	144, 130, 113
RGB Percent	56%, 51%, 44%
CMY	0.4352, 0.4902, 0.5568
CMYK	0.00, 0.10, 0.22, 0.44
HSL	33°, 12%, 50%
HSV	33°, 22%, 56%
XYZ	22.4681, 23.0868, 18.8974
YIQ	132.2480, 13.8010, -2.3190

Conversions

Conversions Part 2

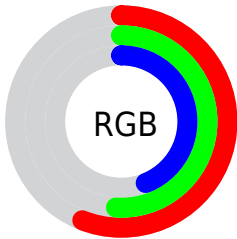
Format	Color
RYB	139, 144, 113
Decimal	9470577
CIELab	55.16, 2.43, 11.13
CIElCh	55, 11.393, 77.707
Yxy	23.0868, 0.3486, 0.3582
Android (android.graphics.Color)	4287660657 (0xFF908271)
YUV	132.2480, -9.4893, 10.3065
Hunter-Lab	48.0487, -0.6169, 10.3155

Details

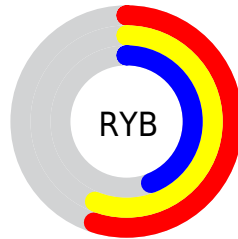
The Yxy color **23.0868, 0.3486, 0.3582** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.7138, 0.2796, 0.2979**, and the grayscale version is **23.2013, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.5894, 0.3404, 0.3518**, and **8.5937, 0.3622, 0.3701** is the 20% darker color. If you saturate the color by 10%, you get **21.1104, 0.3685, 0.3725**, and if you desaturate by 10%, it is **25.2265, 0.3308, 0.3443**.

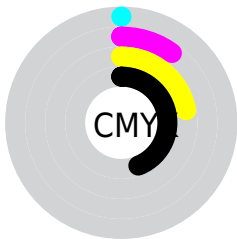
Distribution



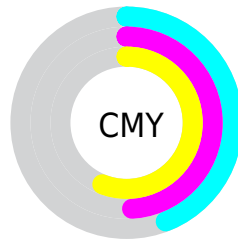
- Red (56%)
- Green (51%)
- Blue (44%)



- Red (55%)
- Yellow (56%)
- Blue (44%)



- Cyan (0%)
- Magenta (10%)
- Yellow (22%)
- Black (44%)





- Cyan (44%)
- Magenta (49%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.0868, 0.3486, 0.3582 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 23.0868, 0.3486, 0.3582 by changing the saturation by 10% instead.


 23.0868, 0.3486,
0.3582

 23.0868, 0.3486,
0.3582


268.1705, 0.3285,
0.3420


 14.6576, 0.3545,
0.3628


 48.5358, 0.3407,
0.3519


 8.5794, 0.3626,
0.3692


 66.3244, 0.3379,
0.3497

 4.4679, 0.3746,
0.3784

 88.0016, 0.3357,
0.3478

 1.9386, 0.3940,
0.3929

 113.9519, 0.3338,
0.3463

 0.5714, 0.5132,
0.4868

144.5594, 0.3321,
0.3450

 0.0000, 0.0000,
0.0000

180.2088, 0.3308,

0.3439

221.2844, 0.3296,
0.3429

■ 23.0868, 0.3486,
0.3582

■ 23.0868, 0.3486,
0.3582

■ 21.1104, 0.3685,
0.3725

■ 25.2265, 0.3308,
0.3443

■ 19.2897, 0.3903,
0.3867

■ 27.5307, 0.3150,
0.3310

■ 17.6210, 0.4138,
0.4000

■ 30.0042, 0.3010,
0.3185

■ 16.0995, 0.4384,
0.4116

■ 32.6512, 0.2887,
0.3069

■ 14.7197, 0.4631,
0.4203

■ 35.4752, 0.2779,
0.2962

■ 13.4757, 0.4867,
0.4250

■ 38.4799, 0.2684,
0.2864

■ 12.3609, 0.5078,
0.4248

■ 41.6687, 0.2601,
0.2774

■ 11.5063, 0.5242,
0.4220

■ 45.0451, 0.2527,
0.2691

■ 48.6123, 0.2462,
0.2616

Harmonies

Analogous

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



23.0868, 0.3526, 0.3445



23.0868, 0.3486, 0.3582



23.0868, 0.3349, 0.3645

Triad

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



23.0868, 0.3486, 0.3582



23.0868, 0.2809, 0.3293



23.0868, 0.3090, 0.2997

Complementary

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



23.0868, 0.3486, 0.3582



20.7138, 0.2796, 0.2979

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.



23.0868, 0.2902, 0.2952



23.0868, 0.3486, 0.3582



23.0868, 0.2744, 0.3115

Square

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



23.0868, 0.3486, 0.3582



23.0868, 0.2958, 0.3477



23.0868, 0.2778, 0.2993



23.0868, 0.3293, 0.3113

Rectangle

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



23.0868, 0.3486, 0.3582



23.0868, 0.3222, 0.3632



23.0868, 0.2778, 0.2993



23.0868, 0.3023, 0.2973

Sweetspot

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



23.0878, 0.3486, 0.3582



46.6401, 0.3220, 0.3370



19.2886, 0.3355, 0.3042



10.6430, 0.3229, 0.3377



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



23.0878, 0.3486, 0.3582



38.9297, 0.3583, 0.3653



26.9842, 0.3429, 0.3810



5.8828, 0.3269, 0.3411



10.0640, 0.5234, 0.4226



0.1403, 0.4689, 0.4659

Inverse Universe

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



20.7138, 0.2796, 0.2979



33.9510, 0.2716, 0.2897



17.4071, 0.2790, 0.2715



5.6316, 0.2990, 0.3166



5.1045, 0.1741, 0.1467



0.0919, 0.1964, 0.2271

Previews

White Background



This preview shows how the Yxy color 23.0868, 0.3486, 0.3582 looks on a white background.

Color Contrast Check

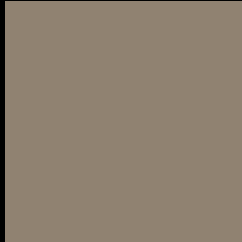
Large Text (above 18pt) WCAG AA ✓ Pass

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 23.0868, 0.3486, 0.3582 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

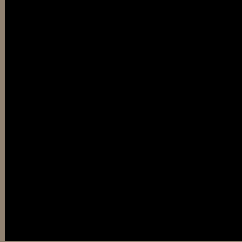
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.0868, 0.3486, 0.3582

Background



This preview shows how black text looks on a background with the Yxy color 23.0868, 0.3486, 0.3582.



This preview shows how white text looks on a background with the Yxy color 23.0868, 0.3486, 0.3582.

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

23.0868, 0.3486, 0.3582

Protanopia

23.2064, 0.3407, 0.3604

Deuteranopia

22.9730, 0.3572, 0.3508



Tritanopia

23.1879, 0.3253, 0.3125

Trichromacy



Original Color

23.0868, 0.3486, 0.3582

Protanomaly

23.1102, 0.3434, 0.3585

Deuteranomaly

22.9491, 0.3531, 0.3528

Tritanomaly

23.1078, 0.3342, 0.3291

Monochromacy



Original Color

23.0868, 0.3486, 0.3582

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

22.9475, 0.3251, 0.3395

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.0868, 0.3486, 0.3582 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(144, 130, 113)` looks like.

```
.text, #text, p{  
    color:rgb(144, 130, 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(144, 130, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 130, 113) }
```

Border

The CSS property to change the border of an element to Yxy 23.0868, 0.3486, 0.3582 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(144, 130, 113) }
```

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

```
.border{ border-color:rgb(144, 130, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 130, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 130, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 130, 113);  
box-shadow:4px 4px 4px 4px rgb(144, 130,  
113) }
```


Background

The CSS property to change the background color of an element to Yxy 23.0868, 0.3486, 0.3582 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 130, 113) }
```

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

```
.background{ background-color: rgb(144,  
130, 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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