

Converting Colors

$Y_{xy}(33.7630, 0.3420, 0.3357)$

Have a look what the booklet for
Yxy(33.7630, 0.3420, 0.3357)
contains.

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Color

Yxy(33.7932, 0.3423, 0.3362)

Conversions

Conversions Part 1

Format	Color
Hex	B09893
RGB	176, 152, 147
RGB Percent	69%, 60%, 58%
CMY	0.3096, 0.4040, 0.4235
CMYK	0.00, 0.14, 0.16, 0.31
HSL	10°, 16%, 63%
HSV	10°, 16%, 69%
XYZ	34.4063, 33.7932, 32.3156
YIQ	158.6060, 15.9090, 3.5330

Conversions

Conversions Part 2

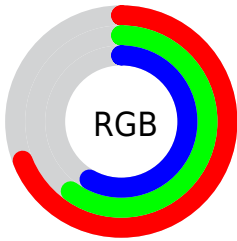
Format	Color
R_{YB}	176, 153, 147
Decimal	11573395
CIE _{Lab}	64.80, 8.08, 5.90
CIE _{LCh}	65, 10.002, 36.145
Yxy	33.7932, 0.3423, 0.3362
Android (android.graphics.Color)	4289763475 (0xFFB09893)
YUV	158.6060, -5.7218, 15.2545
Hunter-Lab	58.1319, 3.9173, 7.7329

Details

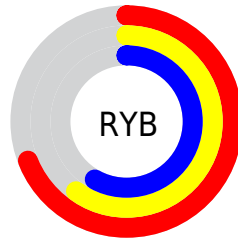
The Yxy color **33.7932, 0.3423, 0.3362** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.4879, 0.2879, 0.3217**, and the grayscale version is **34.5056, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.5155, 0.3365, 0.3345**, and **14.3628, 0.3526, 0.3392** is the 20% darker color. If you saturate the color by 10%, you get **28.8376, 0.3654, 0.3409**, and if you desaturate by 10%, it is **39.4184, 0.3233, 0.3317**.

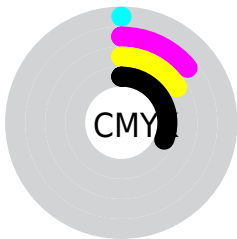
Distribution



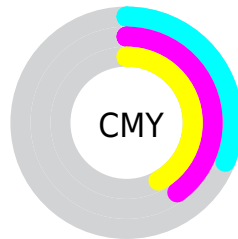
- Red (69%)
- Green (60%)
- Blue (58%)



- Red (69%)
- Yellow (60%)
- Blue (58%)



- Cyan (0%)
- Magenta (14%)
- Yellow (16%)
- Black (31%)





- Cyan (31%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.7932, 0.3423, 0.3362 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 33.7932, 0.3423, 0.3362 by changing the saturation by 10% instead.

 33.7932, 0.3423,
0.3362


 33.7932, 0.3423,
0.3362


319.2090, 0.3266,
0.3326

 22.7348, 0.3465,
0.3371


 65.6119, 0.3364,
0.3349

 14.3978, 0.3522,
0.3383


 87.1411, 0.3342,
0.3344

 8.3979, 0.3600,
0.3398


112.9292, 0.3324,
0.3340

 4.3506, 0.3718,
0.3419

143.3607, 0.3309,
0.3336

 1.8715, 0.3914,
0.3449

178.8201, 0.3296,
0.3333

 0.5312, 0.5018,
0.3796

219.6917, 0.3285,

 0.0000, 0.0000,

0.3330

0.0000

266.3598, 0.3275,
0.3328

■ 33.7932, 0.3423,
0.3362

■ 33.7932, 0.3423,
0.3362

■ 28.8376, 0.3654,
0.3409

■ 39.4184, 0.3233,
0.3317

■ 24.5223, 0.3931,
0.3457

■ 45.7323, 0.3075,
0.3276

■ 20.8223, 0.4259,
0.3501

■ 52.7588, 0.2946,
0.3238

■ 17.7094, 0.4637,
0.3538

■ 60.5192, 0.2838,
0.3203

■ 15.1530, 0.5050,
0.3558

■ 69.0340, 0.2748,
0.3172

■ 13.1200, 0.5469,
0.3555

■ 78.3228, 0.2673,
0.3144

■ 11.5731, 0.5847,
0.3522

■ 87.3842, 0.2680,
0.3279

■ 10.4696, 0.6135,
0.3461

■ 87.9749, 0.2681,
0.3289

■ 10.1740, 0.6221,
0.3443

Harmonies

Analogous

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



33.7932, 0.3338, 0.3228



33.7932, 0.3423, 0.3362



33.7932, 0.3426, 0.3482

Triad

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



33.7932, 0.3423, 0.3362



33.7932, 0.3053, 0.3479



33.7932, 0.2908, 0.3032

Complementary

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



33.7932, 0.3423, 0.3362



38.4879, 0.2879, 0.3217

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.



33.7932, 0.2836, 0.3091



33.7932, 0.3423, 0.3362



33.7932, 0.2919, 0.3350

Square

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



33.7932, 0.3423, 0.3362



33.7932, 0.3210, 0.3555



33.7932, 0.2840, 0.3206



33.7932, 0.3039, 0.3040

Rectangle

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



33.7932, 0.3423, 0.3362



33.7932, 0.3381, 0.3537



33.7932, 0.2840, 0.3206



33.7932, 0.2877, 0.3044

Sweetspot

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



33.7947, 0.3423, 0.3362



72.9870, 0.3209, 0.3311



33.0525, 0.3192, 0.2954



15.6549, 0.3220, 0.3314



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.



33.7947, 0.3423, 0.3362



57.6541, 0.3507, 0.3380



38.7463, 0.3391, 0.3562



8.7332, 0.3283, 0.3330



7.5224, 0.6205, 0.3455



0.3081, 0.5731, 0.3831

Inverse Universe

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



38.4879, 0.2879, 0.3217



67.8689, 0.2823, 0.3198



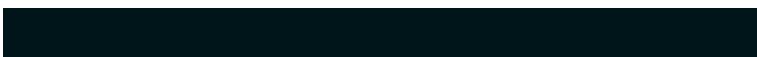
33.3474, 0.2870, 0.3002



9.3784, 0.2986, 0.3250



17.4129, 0.2095, 0.2742



0.6133, 0.2142, 0.2910

Previews

White Background



This preview shows how the Yxy color 33.7932, 0.3423, 0.3362 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 33.7932, 0.3423, 0.3362 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

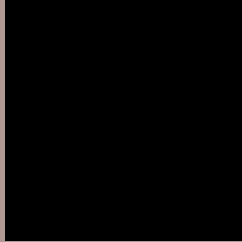
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.7932, 0.3423, 0.3362

Background



This preview shows how black text looks on a background with the Yxy color 33.7932, 0.3423, 0.3362.



This preview shows how white text looks on a background with the Yxy color 33.7932, 0.3423, 0.3362.

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

33.7932, 0.3423, 0.3362

Protanopia

33.9973, 0.3241, 0.3394

Deuteranopia

33.7932, 0.3423, 0.3362



Tritanopia

33.8509, 0.3308, 0.3137

Trichromacy



Original Color

33.7932, 0.3423, 0.3362

Protanomaly

33.8281, 0.3304, 0.3378

Deuteranomaly

33.7932, 0.3423, 0.3362

Tritanomaly

33.8806, 0.3345, 0.3220

Monochromacy



Original Color

33.7932, 0.3423, 0.3362

Achromatopsia

34.6704, 0.3127, 0.3290

Achromatomaly

34.1428, 0.3225, 0.3305

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.7932, 0.3423, 0.3362 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, 152, 147)` looks like.

```
.text, #text, p{  
    color:rgb(176, 152, 147)  
}
```

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, 152, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 152, 147) }
```

Border

The CSS property to change the border of an element to Yxy 33.7932, 0.3423, 0.3362 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, 152, 147) }
```

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

```
.border{ border-color:rgb(176, 152, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 152, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 152, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 152, 147);  
box-shadow:4px 4px 4px 4px rgb(176, 152,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 33.7932, 0.3423, 0.3362 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 152, 147) }
```

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

```
.background{ background-color: rgb(176,  
152, 147) }
```

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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