

Converting Colors

$Y_{xy}(22.8951, 0.3662, 0.3681)$

Have a look what the booklet for
Yxy(22.8951, 0.3662, 0.3681)
contains.

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Color

Yxy(22.9423, 0.3663, 0.3678)

Conversions

Conversions Part 1

Format	Color
Hex	968069
RGB	150, 128, 105
RGB Percent	59%, 50%, 41%
CMY	0.4117, 0.4980, 0.5883
CMYK	0.00, 0.15, 0.30, 0.41
HSL	31°, 18%, 50%
HSV	31°, 30%, 59%
XYZ	22.8487, 22.9423, 16.5861
YIQ	131.9560, 20.4950, -2.4890

Conversions

Conversions Part 2

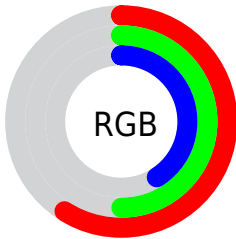
Format	Color
R_{YB}	148, 150, 105
Decimal	9863273
CIE _{Lab}	55.01, 4.80, 15.62
CIE _{LCh}	55, 16.345, 72.910
Yxy	22.9423, 0.3663, 0.3678
Android (android.graphics.Color)	4288053353 (0xFF968069)
YUV	131.9560, -13.2893, 15.8246
Hunter-Lab	47.8981, 1.3277, 12.9979

Details

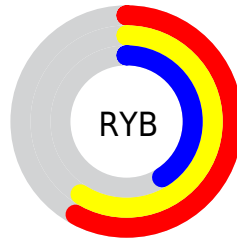
The Yxy color **22.9423, 0.3663, 0.3678** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **20.3871, 0.2661, 0.2867**, and the grayscale version is **23.1019, 0.3127, 0.3290**.

A 20% lighter version of the original color is **48.4272, 0.3549, 0.3603**, and **8.4941, 0.3858, 0.3812** is the 20% darker color. If you saturate the color by 10%, you get **20.8164, 0.3886, 0.3812**, and if you desaturate by 10%, it is **25.2632, 0.3462, 0.3544**.

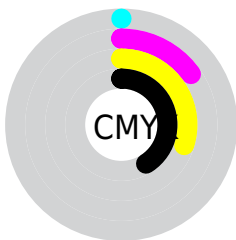
Distribution



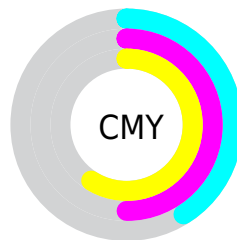
- Red (59%)
- Green (50%)
- Blue (41%)



- Red (58%)
- Yellow (59%)
- Blue (41%)



- Cyan (0%)
- Magenta (15%)
- Yellow (30%)
- Black (41%)



- Cyan (41%)
- Magenta (50%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 22.9423, 0.3663, 0.3678 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 22.9423, 0.3663, 0.3678 by changing the saturation by 10% instead.


 22.9423, 0.3663,
0.3678


 22.9423, 0.3663,
0.3678


267.4285, 0.3363,
0.3466


 14.5509, 0.3750,
0.3737


 48.2986, 0.3545,
0.3596

 8.5048, 0.3871,
0.3817


 66.0322, 0.3504,
0.3567

 4.4196, 0.4048,
0.3929

 87.6488, 0.3470,
0.3543

 1.9110, 0.4345,
0.4112

 113.5326, 0.3441,
0.3522

 0.5550, 0.5374,
0.4626

144.0681, 0.3417,
0.3505

 0.0000, 0.0000,
0.0000

179.6396, 0.3396,

0.3490

220.6316, 0.3379,
0.3477

■ 22.9423, 0.3663,
0.3678

■ 22.9423, 0.3663,
0.3678

■ 20.8164, 0.3886,
0.3812

■ 25.2632, 0.3462,
0.3544

■ 18.8765, 0.4130,
0.3939

■ 27.7813, 0.3284,
0.3414

■ 17.1175, 0.4389,
0.4050

■ 30.5029, 0.3127,
0.3290

■ 15.5329, 0.4653,
0.4134

■ 33.4330, 0.2990,
0.3175

■ 14.1156, 0.4910,
0.4179

■ 36.5764, 0.2870,
0.3068

■ 12.8575, 0.5143,
0.4176

■ 39.9378, 0.2765,
0.2969

■ 11.7450, 0.5352,
0.4133

■ 43.5215, 0.2673,
0.2879

■ 47.3320, 0.2592,
0.2796

■ 51.3733, 0.2521,
0.2721

Harmonies

Analogous

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



22.9423, 0.3697, 0.3467



22.9423, 0.3663, 0.3678



22.9423, 0.3481, 0.3797

Triad

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



22.9423, 0.3663, 0.3678



22.9423, 0.2700, 0.3335



22.9423, 0.3024, 0.2858

Complementary

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



22.9423, 0.3663, 0.3678



20.3871, 0.2661, 0.2867

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.



22.9423, 0.2769, 0.2812



22.9423, 0.3663, 0.3678



22.9423, 0.2589, 0.3071

Square

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



22.9423, 0.3663, 0.3678



22.9423, 0.2924, 0.3600



22.9423, 0.2614, 0.2884



22.9423, 0.3318, 0.3007

Rectangle

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



22.9423, 0.3663, 0.3678



22.9423, 0.3305, 0.3799



22.9423, 0.2614, 0.2884



22.9423, 0.2931, 0.2830

Sweetspot

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



22.9434, 0.3663, 0.3678



49.4027, 0.3270, 0.3403



18.1327, 0.3453, 0.2913



10.8119, 0.3292, 0.3420



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



22.9434, 0.3663, 0.3678



37.9298, 0.3810, 0.3768



29.3240, 0.3566, 0.4016



6.2759, 0.3270, 0.3403



9.8030, 0.5341, 0.4141



0.1790, 0.4748, 0.4612

Inverse Universe

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



20.3871, 0.2661, 0.2867



32.6791, 0.2554, 0.2755



15.3068, 0.2615, 0.2444



6.0732, 0.2989, 0.3174



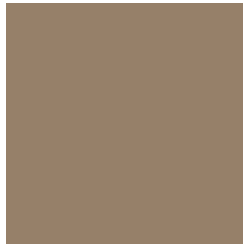
5.8814, 0.1773, 0.1581



0.1306, 0.1990, 0.2362

Previews

White Background



This preview shows how the Yxy color 22.9423, 0.3663, 0.3678 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 22.9423, 0.3663, 0.3678 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

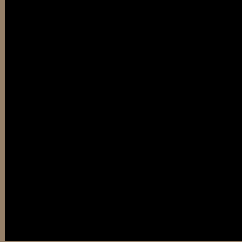
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

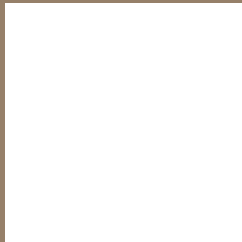
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 22.9423, 0.3663, 0.3678

Background



This preview shows how black text looks on a background with the Yxy color 22.9423, 0.3663, 0.3678.



This preview shows how white text looks on a background with the Yxy color 22.9423, 0.3663, 0.3678.

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

22.9423, 0.3663, 0.3678

Protanopia

23.1395, 0.3498, 0.3727

Deuteranopia

23.0687, 0.3718, 0.3655



Tritanopia

22.9088, 0.3366, 0.3128

Trichromacy



Original Color

22.9423, 0.3663, 0.3678

Protanomaly

23.2025, 0.3563, 0.3720

Deuteranomaly

22.9710, 0.3705, 0.3657

Tritanomaly

22.7727, 0.3482, 0.3324

Monochromacy



Original Color

22.9423, 0.3663, 0.3678

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.1267, 0.3320, 0.3446

CSS Examples

Text

The CSS property to change the color of the text to Yxy 22.9423, 0.3663, 0.3678 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(150, 128, 105)` looks like.

```
.text, #text, p{  
    color:rgb(150, 128, 105)  
}
```

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(150, 128, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 128, 105) }
```

Border

The CSS property to change the border of an element to Yxy 22.9423, 0.3663, 0.3678 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(150, 128, 105) }
```

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

```
.border{ border-color:rgb(150, 128, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 128, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 128, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 128, 105);  
box-shadow:4px 4px 4px 4px rgb(150, 128,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 22.9423, 0.3663, 0.3678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 128, 105) }
```

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

```
.background{ background-color: rgb(150,  
128, 105) }
```

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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