

Converting Colors

$Y_{xy}(19.3585, 0.3386, 0.2973)$

Have a look what the booklet for
Yxy(19.3585, 0.3386, 0.2973)
contains.

Yxy(19.3701, 0.3392, 0.2972)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(19.3701, 0.3392, 0.2972)

Conversions

Conversions Part 1

Format	Color
Hex	956F82
RGB	149, 111, 130
RGB Percent	58%, 44%, 51%
CMY	0.4157, 0.5647, 0.4901
CMYK	0.00, 0.25, 0.13, 0.42
HSL	330°, 15%, 51%
HSV	330°, 25%, 58%
XYZ	22.1075, 19.3701, 23.6977
YIQ	124.5280, 16.5490, 13.9650

Conversions

Conversions Part 2

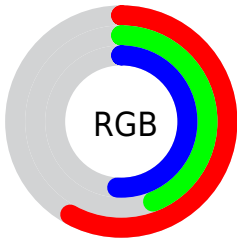
Format	Color
R_{YB}	149, 111, 130
Decimal	9793410
CIE _{Lab}	51.12, 18.19, -4.58
CIE _{LCh}	51, 18.763, 345.859
Yxy	19.3701, 0.3392, 0.2972
Android (android.graphics.Color)	4287983490 (0xFF956F82)
YUV	124.5280, 2.6977, 21.4619
Hunter-Lab	44.0115, 12.6425, -1.1163

Details

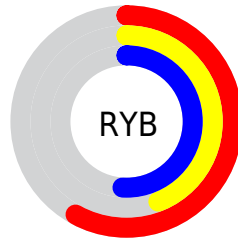
The Yxy color **19.3701, 0.3392, 0.2972** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **26.4829, 0.2925, 0.3632**, and the grayscale version is **20.3286, 0.3127, 0.3290**.

A 20% lighter version of the original color is **42.4507, 0.3336, 0.3042**, and **6.7458, 0.3503, 0.2847** is the 20% darker color. If you saturate the color by 10%, you get **16.1933, 0.3533, 0.2841**, and if you desaturate by 10%, it is **23.1054, 0.3273, 0.3101**.

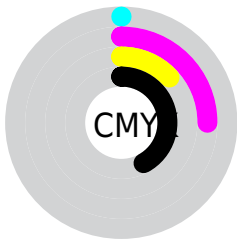
Distribution



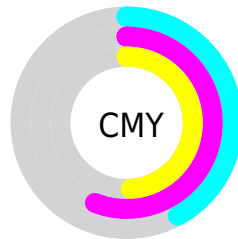
- Red (58%)
- Green (44%)
- Blue (51%)



- Red (58%)
- Yellow (44%)
- Blue (51%)



- Cyan (0%)
- Magenta (25%)
- Yellow (13%)
- Black (42%)





- Cyan (42%)
- Magenta (56%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 19.3701, 0.3392, 0.2972 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 19.3701, 0.3392, 0.2972 by changing the saturation by 10% instead.


 19.3701, 0.3392,
0.2972


 19.3701, 0.3392,
0.2972


248.4844, 0.3242,
0.3150

 11.9380, 0.3437,
0.2920


 42.3586, 0.3333,
0.3042

 6.7015, 0.3500,
0.2846


 58.6837, 0.3312,
0.3067

 3.2761, 0.3594,
0.2737

 78.7420, 0.3295,
0.3087

 1.2775, 0.3753,
0.2559

 102.9178, 0.3281,
0.3104

 0.1237, 0.4925,
0.1085

131.5956, 0.3269,
0.3118

 0.0000, 0.0000,
0.0000

165.1597, 0.3259,

0.3130

203.9945, 0.3250,
0.3141

■ 19.3701, 0.3392,
0.2972

■ 19.3701, 0.3392,
0.2972

■ 16.1933, 0.3533,
0.2841

■ 23.1054, 0.3273,
0.3101

■ 13.5453, 0.3698,
0.2715

■ 27.4220, 0.3174,
0.3225

■ 11.3973, 0.3888,
0.2599

■ 32.3444, 0.3092,
0.3342

■ 9.7171, 0.4102,
0.2506

■ 37.8950, 0.3024,
0.3450

■ 8.4683, 0.4334,
0.2446

■ 44.0952, 0.2967,
0.3551

■ 7.6093, 0.4574,
0.2430

■ 50.9651, 0.2920,
0.3643

■ 7.0832, 0.4813,
0.2464

■ 58.5243, 0.2881,
0.3728

■ 6.8906, 0.4922,
0.2485

■ 66.7911, 0.2848,
0.3806

■ 75.7836, 0.2821,
0.3877

Harmonies

Analogous

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



19.3701, 0.3034, 0.2785



19.3701, 0.3392, 0.2972



19.3701, 0.3688, 0.3236

Triad

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



19.3701, 0.3392, 0.2972



19.3701, 0.3525, 0.3913



19.3701, 0.2476, 0.2992

Complementary

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



19.3701, 0.3392, 0.2972



26.4829, 0.2925, 0.3632

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.



19.3701, 0.2591, 0.3307



19.3701, 0.3392, 0.2972



19.3701, 0.3188, 0.3870

Square

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



19.3701, 0.3392, 0.2972



19.3701, 0.3763, 0.3776



19.3701, 0.2848, 0.3641



19.3701, 0.2521, 0.2783

Rectangle

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



19.3701, 0.3392, 0.2972



19.3701, 0.3802, 0.3430



19.3701, 0.2848, 0.3641



19.3701, 0.2497, 0.3088

Sweetspot

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



19.3710, 0.3392, 0.2972



46.9491, 0.3199, 0.3192



18.2356, 0.2916, 0.2630



10.1601, 0.3212, 0.3175



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.



19.3710, 0.3392, 0.2972



31.0890, 0.3476, 0.2892



18.9207, 0.3638, 0.3281



5.8609, 0.3209, 0.3180



5.8063, 0.4908, 0.2477



0.0770, 0.4033, 0.1996

Inverse Universe

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



19.3710, 0.3392, 0.2972



31.0890, 0.3476, 0.2892



27.0211, 0.2769, 0.3300



5.8609, 0.3209, 0.3180



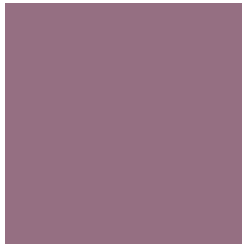
5.8063, 0.4908, 0.2477



0.0770, 0.4033, 0.1996

Previews

White Background



This preview shows how the Yxy color 19.3701, 0.3392, 0.2972 looks on a white background.

Color Contrast Check

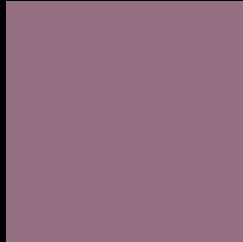
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.3701, 0.3392, 0.2972 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

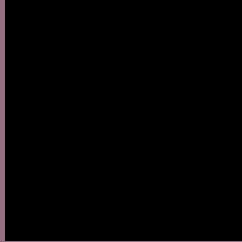
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 19.3701, 0.3392, 0.2972

Background



This preview shows how black text looks on a background with the Yxy color 19.3701, 0.3392, 0.2972.



This preview shows how white text looks on a background with the Yxy color 19.3701, 0.3392, 0.2972.

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

19.3701, 0.3392, 0.2972

Protanopia

19.4454, 0.2949, 0.3014

Deuteranopia

19.3671, 0.3161, 0.3092



Tritanopia

19.4866, 0.3492, 0.3155

Trichromacy



Original Color

19.3701, 0.3392, 0.2972

Protanomaly

19.2691, 0.3104, 0.2987

Deuteranomaly

19.2497, 0.3254, 0.3045

Tritanomaly

19.3395, 0.3455, 0.3087

Monochromacy



Original Color

19.3701, 0.3392, 0.2972

Achromatopsia

20.5079, 0.3127, 0.3290

Achromatomaly

20.0336, 0.3220, 0.3166

CSS Examples

Text

The CSS property to change the color of the text to Yxy 19.3701, 0.3392, 0.2972 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(149, 111, 130)` looks like.

```
.text, #text, p{  
    color:rgb(149, 111, 130)  
}
```

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(149, 111, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(149, 111, 130) }
```

Border

The CSS property to change the border of an element to Yxy 19.3701, 0.3392, 0.2972 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(149, 111, 130) }
```

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

```
.border{ border-color:rgb(149, 111, 130) }
```

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

Here you see how a box with a 4 pixel rgb(149, 111, 130) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(149, 111, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(149, 111, 130);  
box-shadow:4px 4px 4px 4px rgb(149, 111,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 19.3701, 0.3392, 0.2972 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(149, 111, 130) }
```

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

```
.background{ background-color: rgb(149,  
111, 130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor