

Converting Colors

$Y_{xy}(23.9420, 0.3582, 0.3094)$

Have a look what the booklet for
Yxy(23.9420, 0.3582, 0.3094)
contains.

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Color

Yxy(23.9420, 0.3582, 0.3094)

Conversions

Conversions Part 1

Format	Color
Hex	AA7986
RGB	170, 121, 134
RGB Percent	67%, 47%, 53%
CMY	0.3334, 0.5255, 0.4744
CMYK	0.00, 0.29, 0.21, 0.33
HSL	344°, 22%, 57%
HSV	344°, 29%, 67%
XYZ	27.7182, 23.9420, 25.7218
YIQ	137.1330, 25.0310, 14.4310

Conversions

Conversions Part 2

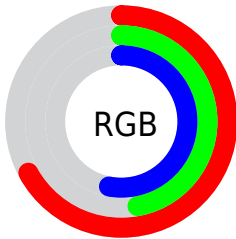
Format	Color
R _Y B	170, 121, 134
Decimal	11172230
CIE Lab	56.03, 21.10, 0.55
CIE LCh	56, 21.107, 1.503
Yxy	23.9420, 0.3582, 0.3094
Android (android.graphics.Color)	4289362310 (0xFFAA7986)
YUV	137.1330, -1.5446, 28.8244
Hunter-Lab	48.9306, 15.4884, 3.0839

Details

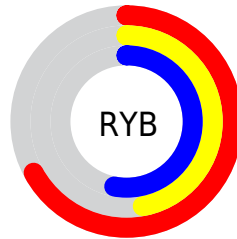
The Yxy color **23.9420, 0.3582, 0.3094** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **35.2465, 0.2812, 0.3497**, and the grayscale version is **25.0689, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.0287, 0.3483, 0.3142**, and **9.0725, 0.3750, 0.3013** is the 20% darker color. If you saturate the color by 10%, you get **19.8408, 0.3811, 0.3023**, and if you desaturate by 10%, it is **28.8146, 0.3393, 0.3165**.

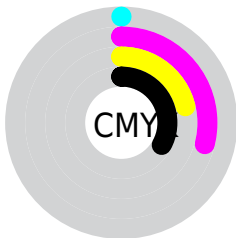
Distribution



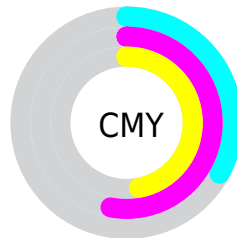
- Red (67%)
- Green (47%)
- Blue (53%)



- Red (67%)
- Yellow (47%)
- Blue (53%)



- Cyan (0%)
- Magenta (29%)
- Yellow (21%)
- Black (33%)




- Cyan (33%)
- Magenta (53%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.9420, 0.3582, 0.3094 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 23.9420, 0.3582, 0.3094 by changing the saturation by 10% instead.


 23.9420, 0.3582,
0.3094


 23.9420, 0.3582,
0.3094


272.5271, 0.3329,
0.3203


 15.2906, 0.3655,
0.3062


 49.9355, 0.3483,
0.3137

 9.0236, 0.3757,
0.3018


 68.0465, 0.3448,
0.3152

 4.7566, 0.3906,
0.2953


 90.0794, 0.3419,
0.3164

 2.1052, 0.4146,
0.2847

116.4186, 0.3396,
0.3175

 0.6675, 0.4672,
0.2624

147.4486, 0.3375,
0.3184

 0.0000, 1.0000,
0.0000

183.5538, 0.3358,

 0.0000, 0.0000,

0.3191

0.0000

225.1185, 0.3342,
0.3198

■ 23.9420, 0.3582,
0.3094

■ 23.9420, 0.3582,
0.3094

■ 19.8408, 0.3811,
0.3023

■ 28.8146, 0.3393,
0.3165

■ 16.4681, 0.4086,
0.2958

■ 34.4921, 0.3239,
0.3233

■ 13.7816, 0.4406,
0.2904


■ 41.0099, 0.3114,
0.3297


■ 11.7338, 0.4764,
0.2874


■ 48.4004, 0.3011,
0.3357


■ 10.2704, 0.5142,
0.2876


■ 56.6944, 0.2928,
0.3411

 9.3285, 0.5508,
0.2919

 65.9210, 0.2859,
0.3460

 8.7914, 0.5829,
0.2996

 76.1081, 0.2802,
0.3505

 8.7362, 0.5865,
0.3005

 85.9994, 0.2753,
0.3525

 86.7419, 0.2693,
0.3384

Harmonies

Analogous

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



23.9420, 0.3226, 0.2851



23.9420, 0.3582, 0.3094



23.9420, 0.3816, 0.3391

Triad

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



23.9420, 0.3582, 0.3094



23.9420, 0.3366, 0.3947



23.9420, 0.2450, 0.2846

Complementary

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



23.9420, 0.3582, 0.3094



35.2465, 0.2812, 0.3497

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.



23.9420, 0.2483, 0.3125



23.9420, 0.3582, 0.3094



23.9420, 0.2998, 0.3795

Square

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



23.9420, 0.3582, 0.3094



23.9420, 0.3681, 0.3894



23.9420, 0.2679, 0.3481



23.9420, 0.2583, 0.2703

Rectangle

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



23.9420, 0.3582, 0.3094



23.9420, 0.3863, 0.3590



23.9420, 0.2679, 0.3481



23.9420, 0.2442, 0.2925

Sweetspot

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



23.9431, 0.3582, 0.3094



62.2065, 0.3244, 0.3231



23.7391, 0.3014, 0.2556



13.5270, 0.3264, 0.3221



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



23.9431, 0.3582, 0.3094



38.2243, 0.3733, 0.3046



26.5470, 0.3699, 0.3465



7.5738, 0.3246, 0.3230



6.4350, 0.5838, 0.2989



0.1648, 0.4934, 0.2492

Inverse Universe

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



23.9431, 0.3582, 0.3094



38.2243, 0.3733, 0.3046



31.6139, 0.2699, 0.3107



7.5738, 0.3246, 0.3230



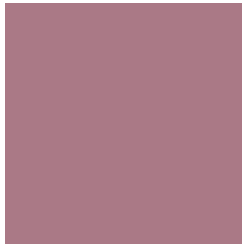
6.4350, 0.5838, 0.2989



0.1648, 0.4934, 0.2492

Previews

White Background



This preview shows how the Yxy color 23.9420, 0.3582, 0.3094 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 23.9420, 0.3582, 0.3094 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

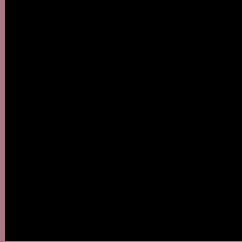
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.9420, 0.3582, 0.3094

Background



This preview shows how black text looks on a background with the Yxy color 23.9420, 0.3582, 0.3094.



This preview shows how white text looks on a background with the Yxy color 23.9420, 0.3582, 0.3094.

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

23.9420, 0.3582, 0.3094

Protanopia

24.1541, 0.3056, 0.3154

Deuteranopia

23.9271, 0.3317, 0.3258



Tritanopia

24.1038, 0.3617, 0.3155

Trichromacy



Original Color

23.9420, 0.3582, 0.3094

Protanomaly

23.8605, 0.3240, 0.3127

Deuteranomaly

23.9401, 0.3407, 0.3195

Tritanomaly

24.1311, 0.3604, 0.3140

Monochromacy



Original Color

23.9420, 0.3582, 0.3094

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.3997, 0.3282, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.9420, 0.3582, 0.3094 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(170, 121, 134)` looks like.

```
.text, #text, p{  
    color:rgb(170, 121, 134)  
}
```

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(170, 121, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 121, 134) }
```

Border

The CSS property to change the border of an element to Yxy 23.9420, 0.3582, 0.3094 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(170, 121, 134) }
```

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

```
.border{ border-color:rgb(170, 121, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 121, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 121, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 121, 134);  
box-shadow:4px 4px 4px 4px rgb(170, 121,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 23.9420, 0.3582, 0.3094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 121, 134) }
```

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

```
.background{ background-color: rgb(170,  
121, 134) }
```

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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