

Converting Colors

$Y_{xy}(23.9141, 0.3472, 0.2919)$

Have a look what the booklet for
Yxy(23.9141, 0.3472, 0.2919)
contains.

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Color

Yxy(23.8652, 0.3476, 0.2918)

Conversions

Conversions Part 1

Format	Color
Hex	AB7790
RGB	171, 119, 144
RGB Percent	67%, 47%, 56%
CMY	0.3293, 0.5334, 0.4353
CMYK	0.00, 0.30, 0.16, 0.33
HSL	331°, 24%, 57%
HSV	331°, 30%, 67%
XYZ	28.4289, 23.8652, 29.4921
YIQ	137.3980, 22.9670, 18.7990

Conversions

Conversions Part 2

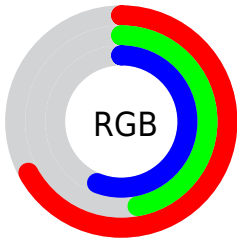
Format	Color
R_{YB}	171, 119, 144
Decimal	11237264
CIE _{Lab}	55.95, 24.24, -5.35
CIE _{LCh}	56, 24.825, 347.562
Yxy	23.8652, 0.3476, 0.2918
Android (android.graphics.Color)	4289427344 (0xFFAB7790)
YUV	137.3980, 3.2548, 29.4690
Hunter-Lab	48.8520, 18.3850, -1.5971

Details

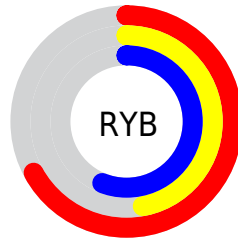
The Yxy color $23.8652, 0.3476, 0.2918$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $35.1320, 0.2879, 0.3697$, and the grayscale version is $25.1564, 0.3127, 0.3290$.

A 20% lighter version of the original color is $49.9132, 0.3399, 0.2996$, and $9.0400, 0.3601, 0.2787$ is the 20% darker color. If you saturate the color by 10%, you get $19.8945, 0.3638, 0.2792$, and if you desaturate by 10%, it is $28.5920, 0.3339, 0.3045$.

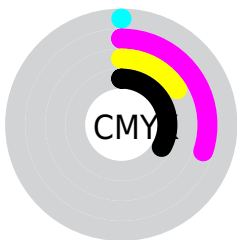
Distribution



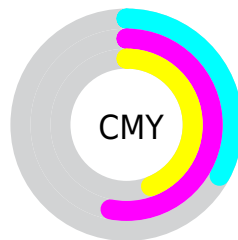
- Red (67%)
- Green (47%)
- Blue (56%)



- Red (67%)
- Yellow (47%)
- Blue (56%)



- Cyan (0%)
- Magenta (30%)
- Yellow (16%)
- Black (33%)





- Cyan (33%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 23.8652, 0.3476, 0.2918 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 23.8652, 0.3476, 0.2918 by changing the saturation by 10% instead.


 23.8652, 0.3476,
0.2918


 23.8652, 0.3476,
0.2918


272.1383, 0.3285,
0.3120


 15.2337, 0.3530,
0.2862


 49.8101, 0.3402,
0.2995

 8.9835, 0.3604,
0.2786


 67.8923, 0.3376,
0.3023

 4.7304, 0.3712,
0.2677

 89.8935, 0.3354,
0.3046

 2.0900, 0.3881,
0.2510

116.1981, 0.3336,
0.3065

 0.6590, 0.4210,
0.2173

147.1905, 0.3320,
0.3082

 0.0000, 1.0000,
0.0000

183.2550, 0.3307,

 0.0000, 0.0000,

0.3096

0.0000

224.7762, 0.3295,
0.3109

■ 23.8652, 0.3476,
0.2918

■ 23.8652, 0.3476,
0.2918

■ 19.8945, 0.3638,
0.2792

■ 28.5920, 0.3339,
0.3045

■ 16.6367, 0.3827,
0.2674

■ 34.1084, 0.3225,
0.3168

■ 14.0495, 0.4043,
0.2573


■ 40.4498, 0.3131,
0.3285

■ 12.0846, 0.4282,
0.2500


■ 47.6488, 0.3053,
0.3395


■ 10.6872, 0.4535,
0.2468

■ 55.7358, 0.2988,
0.3496


 9.7925, 0.4790,
0.2487

 64.7400, 0.2934,
0.3589

 9.2726, 0.5029,
0.2544

 74.6892, 0.2890,
0.3675

 85.0902, 0.2853,
0.3744

 85.5596, 0.2808,
0.3639

Harmonies

Analogous

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



23.8652, 0.3034, 0.2687



23.8652, 0.3476, 0.2918



23.8652, 0.3837, 0.3238

Triad

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



23.8652, 0.3476, 0.2918



23.8652, 0.3590, 0.4065



23.8652, 0.2332, 0.2898

Complementary

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



23.8652, 0.3476, 0.2918



35.1320, 0.2879, 0.3697

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.



23.8652, 0.2458, 0.3282



23.8652, 0.3476, 0.2918



23.8652, 0.3172, 0.4006

Square

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



23.8652, 0.3476, 0.2918



23.8652, 0.3897, 0.3895



23.8652, 0.2759, 0.3706



23.8652, 0.2398, 0.2658

Rectangle

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



23.8652, 0.3476, 0.2918



23.8652, 0.3969, 0.3472



23.8652, 0.2759, 0.3706



23.8652, 0.2353, 0.3013

Sweetspot

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



23.8663, 0.3476, 0.2918



62.4195, 0.3212, 0.3183



22.2330, 0.2881, 0.2485



13.5812, 0.3227, 0.3166



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.



23.8663, 0.3476, 0.2918



37.4569, 0.3590, 0.2827



23.3919, 0.3791, 0.3305



8.0771, 0.3214, 0.3182



6.9986, 0.5007, 0.2532



0.2058, 0.4327, 0.2157

Inverse Universe

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



23.8663, 0.3476, 0.2918



37.4569, 0.3590, 0.2827



35.6707, 0.2696, 0.3275



8.0771, 0.3214, 0.3182



6.9986, 0.5007, 0.2532



0.2058, 0.4327, 0.2157

Previews

White Background



This preview shows how the Yxy color 23.8652, 0.3476, 0.2918 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 23.8652, 0.3476, 0.2918 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

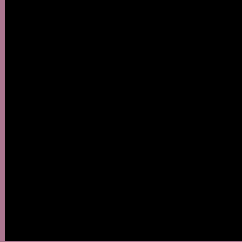
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 23.8652, 0.3476, 0.2918

Background



This preview shows how black text looks on a background with the Yxy color 23.8652, 0.3476, 0.2918.



This preview shows how white text looks on a background with the Yxy color 23.8652, 0.3476, 0.2918.

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

23.8652, 0.3476, 0.2918

Protanopia

23.9003, 0.2904, 0.2954

Deuteranopia

23.8475, 0.3159, 0.3092



Tritanopia

23.7485, 0.3608, 0.3139

Trichromacy



Original Color

23.8652, 0.3476, 0.2918

Protanomaly

23.7513, 0.3098, 0.2934

Deuteranomaly

23.7749, 0.3270, 0.3019

Tritanomaly

23.7566, 0.3560, 0.3049

Monochromacy



Original Color

23.8652, 0.3476, 0.2918

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.2483, 0.3239, 0.3128

CSS Examples

Text

The CSS property to change the color of the text to Yxy 23.8652, 0.3476, 0.2918 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(171, 119, 144)` looks like.

```
.text, #text, p{  
    color:rgb(171, 119, 144)  
}
```

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(171, 119, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 119, 144) }
```

Border

The CSS property to change the border of an element to Yxy 23.8652, 0.3476, 0.2918 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(171, 119, 144) }
```

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

```
.border{ border-color:rgb(171, 119, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 119, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 119, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 119, 144);  
box-shadow:4px 4px 4px 4px rgb(171, 119,  
144) }
```


Background

The CSS property to change the background color of an element to Yxy 23.8652, 0.3476, 0.2918 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 119, 144) }
```

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

```
.background{ background-color: rgb(171,  
119, 144) }
```

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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