

Converting Colors

$Y_{xy}(24.4056, 0.3574, 0.3099)$

Have a look what the booklet for
Yxy(24.4056, 0.3574, 0.3099)
contains.

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Color

Yxy(24.3263, 0.3579, 0.3095)

Conversions

Conversions Part 1

Format	Color
Hex	AB7A87
RGB	171, 122, 135
RGB Percent	67%, 48%, 53%
CMY	0.3294, 0.5216, 0.4705
CMYK	0.00, 0.29, 0.21, 0.33
HSL	344°, 23%, 57%
HSV	344°, 29%, 67%
XYZ	28.1305, 24.3263, 26.1419
YIQ	138.1330, 25.0310, 14.4310

Conversions

Conversions Part 2

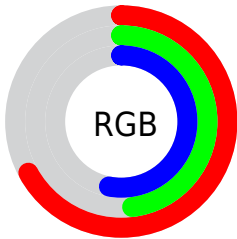
Format	Color
RYB	171, 122, 135
Decimal	11238023
CIELab	56.41, 21.08, 0.54
CIElCh	56, 21.091, 1.480
Yxy	24.3263, 0.3579, 0.3095
Android (android.graphics.Color)	4289428103 (0xFFAB7A87)
YUV	138.1330, -1.5446, 28.8244
Hunter-Lab	49.3217, 15.4939, 3.0998

Details

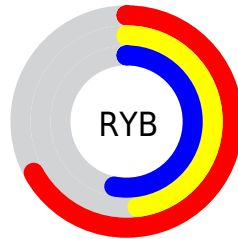
The Yxy color $24.3263, 0.3579, 0.3095$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $35.7363, 0.2814, 0.3496$, and the grayscale version is $25.4690, 0.3127, 0.3290$.

A 20% lighter version of the original color is $50.6217, 0.3481, 0.3142$, and $9.2725, 0.3763, 0.3036$ is the 20% darker color. If you saturate the color by 10%, you get $20.1578, 0.3808, 0.3024$, and if you desaturate by 10%, it is $29.2777, 0.3391, 0.3166$.

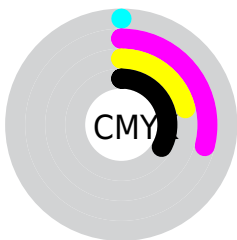
Distribution



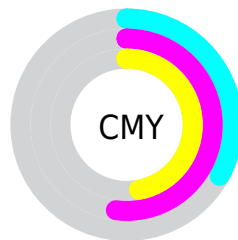
- Red (67%)
- Green (48%)
- Blue (53%)



- Red (67%)
- Yellow (48%)
- Blue (53%)



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




- Cyan (33%)
- Magenta (52%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.3263, 0.3579, 0.3095 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 24.3263, 0.3579, 0.3095 by changing the saturation by 10% instead.


 24.3263, 0.3579,
0.3095


 24.3263, 0.3579,
0.3095


274.4660, 0.3328,
0.3204


 15.5758, 0.3651,
0.3063


 50.5622, 0.3481,
0.3138

 9.2245, 0.3751,
0.3020


 68.8163, 0.3447,
0.3153

 4.8879, 0.3898,
0.2956

 91.0072, 0.3418,
0.3165

 2.1816, 0.4133,
0.2852

117.5192, 0.3394,
0.3175

 0.7100, 0.4618,
0.2645

148.7367, 0.3374,
0.3184

 0.0000, 1.0000,
0.0000

185.0441, 0.3357,

 0.0000, 0.0000,

0.3191

0.0000

226.8257, 0.3342,
0.3198

■ 24.3263, 0.3579,
0.3095

■ 24.3263, 0.3579,
0.3095

■ 20.1578, 0.3808,
0.3024

■ 29.2777, 0.3391,
0.3166

■ 16.7288, 0.4082,
0.2958

■ 35.0460, 0.3237,
0.3234

■ 13.9964, 0.4401,
0.2905

■ 41.6671, 0.3112,
0.3298

■ 11.9124, 0.4759,
0.2874

■ 49.1738, 0.3010,
0.3357

■ 10.4220, 0.5138,
0.2875

■ 57.5974, 0.2926,
0.3412

■ 9.4612, 0.5504,
0.2918

■ 66.9673, 0.2858,
0.3461

■ 8.9153, 0.5825,
0.2995

■ 77.3119, 0.2801,
0.3506

■ 8.8523, 0.5866,
0.3005

■ 86.2052, 0.2750,
0.3506

■ 86.9589, 0.2690,
0.3365

Harmonies

Analogous

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



24.3263, 0.3225, 0.2854



24.3263, 0.3579, 0.3095



24.3263, 0.3812, 0.3390

Triad

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



24.3263, 0.3579, 0.3095



24.3263, 0.3365, 0.3943



24.3263, 0.2454, 0.2849

Complementary

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



24.3263, 0.3579, 0.3095



35.7363, 0.2814, 0.3496

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.



24.3263, 0.2487, 0.3126



24.3263, 0.3579, 0.3095



24.3263, 0.3000, 0.3792

Square

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



24.3263, 0.3579, 0.3095



24.3263, 0.3678, 0.3890



24.3263, 0.2681, 0.3480



24.3263, 0.2586, 0.2707

Rectangle

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



24.3263, 0.3579, 0.3095



24.3263, 0.3859, 0.3588



24.3263, 0.2681, 0.3480



24.3263, 0.2446, 0.2928

Sweetspot

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



24.3274, 0.3579, 0.3095



62.2066, 0.3244, 0.3231



24.1222, 0.3014, 0.2560



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.



24.3274, 0.3579, 0.3095



38.9640, 0.3710, 0.3053



26.9585, 0.3696, 0.3464



8.0490, 0.3246, 0.3230



6.6799, 0.5841, 0.2991



0.1949, 0.4989, 0.2522

Inverse Universe

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



24.3274, 0.3579, 0.3095



38.9640, 0.3710, 0.3053



32.0728, 0.2701, 0.3108



8.0490, 0.3246, 0.3230



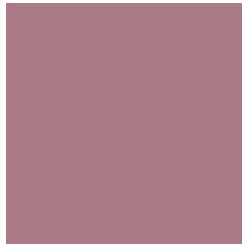
6.6799, 0.5841, 0.2991



0.1949, 0.4989, 0.2522

Previews

White Background



This preview shows how the Yxy color 24.3263, 0.3579, 0.3095 looks on a white background.

Color Contrast Check

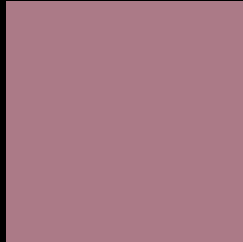
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.3263, 0.3579, 0.3095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

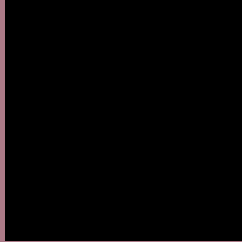
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.3263, 0.3579, 0.3095

Background



This preview shows how black text looks on a background with the Yxy color 24.3263, 0.3579, 0.3095.



This preview shows how white text looks on a background with the Yxy color 24.3263, 0.3579, 0.3095.

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

24.3263, 0.3579, 0.3095

Protanopia

24.5454, 0.3056, 0.3155

Deuteranopia

24.3156, 0.3315, 0.3258



Tritanopia

24.4898, 0.3613, 0.3155

Trichromacy



Original Color

24.3263, 0.3579, 0.3095

Protanomaly

24.2483, 0.3239, 0.3128

Deuteranomaly

24.3277, 0.3405, 0.3195

Tritanomaly

24.5173, 0.3601, 0.3140

Monochromacy



Original Color

24.3263, 0.3579, 0.3095

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

24.7927, 0.3281, 0.3209

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.3263, 0.3579, 0.3095 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, 122, 135)` looks like.

```
.text, #text, p{  
    color:rgb(171, 122, 135)  
}
```

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, 122, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 122, 135) }
```

Border

The CSS property to change the border of an element to Yxy 24.3263, 0.3579, 0.3095 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, 122, 135) }
```

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

```
.border{ border-color:rgb(171, 122, 135) }
```

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

Here you see how a box with a 4 pixel rgb(171, 122, 135) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 122, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 122, 135);  
box-shadow:4px 4px 4px 4px rgb(171, 122,  
135) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 24.3263, 0.3579, 0.3095$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 122, 135) }
```

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

```
.background{ background-color: rgb(171,  
122, 135) }
```

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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