

Converting Colors

$Y_{xy}(24.2250, 0.3798, 0.3248)$

Have a look what the booklet for
Yxy(24.2250, 0.3798, 0.3248)
contains.

Yxy(24.0931, 0.3800, 0.3247)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.0931, 0.3800, 0.3247)

Conversions

Conversions Part 1

Format	Color
Hex	B0787B
RGB	176, 120, 123
RGB Percent	69%, 47%, 48%
CMY	0.3098, 0.5294, 0.5175
CMYK	0.00, 0.32, 0.30, 0.31
HSL	357°, 26%, 58%
HSV	357°, 32%, 69%
XYZ	28.1964, 24.0931, 21.9116
YIQ	137.0860, 32.4130, 12.8050

Conversions

Conversions Part 2

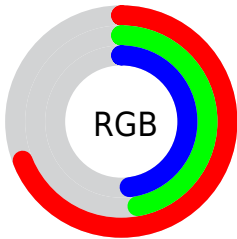
Format	Color
R_{YB}	176, 120, 123
Decimal	11565179
CIE Lab	56.18, 22.34, 7.25
CIE LCh	56, 23.490, 17.972
Yxy	24.0931, 0.3800, 0.3247
Android (android.graphics.Color)	4289755259 (0xFFB0787B)
YUV	137.0860, -6.9444, 34.1276
Hunter-Lab	49.0847, 16.6400, 7.8920

Details

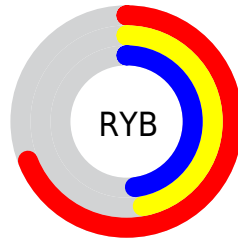
The Yxy color **24.0931, 0.3800, 0.3247** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **38.0579, 0.2700, 0.3335**, and the grayscale version is **25.0691, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.3059, 0.3657, 0.3269**, and **9.1385, 0.4071, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **19.8605, 0.4122, 0.3234**, and if you desaturate by 10%, it is **29.1769, 0.3537, 0.3261**.

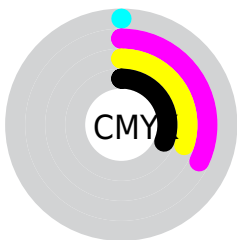
Distribution



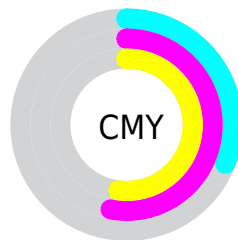
- Red (69%)
- Green (47%)
- Blue (48%)



- Red (69%)
- Yellow (47%)
- Blue (48%)



- Cyan (0%)
- Magenta (32%)
- Yellow (30%)
- Black (31%)





- Cyan (31%)
- Magenta (53%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 24.0931, 0.3800, 0.3247 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 24.0931, 0.3800, 0.3247 by changing the saturation by 10% instead.


 24.0931, 0.3800,
0.3247


 24.0931, 0.3800,
0.3247


273.2908, 0.3424,
0.3278

 15.4027, 0.3910,
0.3235


 50.1821, 0.3652,
0.3261

 9.1025, 0.4062,
0.3216


 68.3495, 0.3600,
0.3265

 4.8081, 0.4285,
0.3184


 90.4446, 0.3558,
0.3269

 2.1351, 0.4645,
0.3122

116.8519, 0.3522,
0.3271

 0.6843, 0.5749,
0.3153

147.9558, 0.3492,
0.3273

 0.0000, 1.0000,
0.0000


184.1407, 0.3466,


 0.0000, 0.0000,


0.3275


0.0000


225.7909, 0.3443,
0.3277


 24.0931, 0.3800,
0.3247

 24.0931, 0.3800,
0.3247

 19.8605, 0.4122,
0.3234

 29.1769, 0.3537,
0.3261


 16.4295, 0.4506,
0.3223


 35.1513, 0.3325,
0.3275


 13.7504, 0.4944,
0.3218


 42.0573, 0.3154,
0.3288

 11.7669, 0.5405,
0.3220


 49.9323, 0.3017,
0.3300


 10.4146, 0.5834,
0.3232

 58.8117, 0.2907,
0.3311

 9.6170, 0.6166,
0.3254

 68.7292, 0.2817,
0.3321

 9.2503, 0.6341,
0.3267

 79.7168, 0.2743,
0.3329

 87.9695, 0.2681,
0.3289

Harmonies

Analogous

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



24.0931, 0.3462, 0.2942



24.0931, 0.3800, 0.3247



24.0931, 0.3944, 0.3579

Triad

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



24.0931, 0.3800, 0.3247



24.0931, 0.3165, 0.3960



24.0931, 0.2439, 0.2691

Complementary

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



24.0931, 0.3800, 0.3247



38.0579, 0.2700, 0.3335

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.



24.0931, 0.2373, 0.2918



24.0931, 0.3800, 0.3247



24.0931, 0.2776, 0.3676

Square

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



24.0931, 0.3800, 0.3247



24.0931, 0.3561, 0.4021



24.0931, 0.2492, 0.3278



24.0931, 0.2676, 0.2628

Rectangle

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



24.0931, 0.3800, 0.3247



24.0931, 0.3908, 0.3781



24.0931, 0.2492, 0.3278



24.0931, 0.2397, 0.2749

Sweetspot

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



24.0942, 0.3800, 0.3247



65.6920, 0.3294, 0.3277



25.3687, 0.3122, 0.2504



13.8852, 0.3320, 0.3275



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



24.0942, 0.3800, 0.3247



38.2793, 0.4014, 0.3238



30.6131, 0.3729, 0.3647



8.5125, 0.3279, 0.3278



6.7904, 0.6330, 0.3261



0.2161, 0.6047, 0.3105

Inverse Universe

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



24.0942, 0.3800, 0.3247



38.2793, 0.4014, 0.3238



29.4974, 0.2634, 0.2903



8.5125, 0.3279, 0.3278



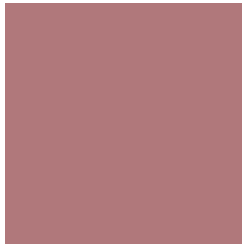
6.7904, 0.6330, 0.3261



0.2161, 0.6047, 0.3105

Previews

White Background



This preview shows how the Yxy color 24.0931, 0.3800, 0.3247 looks on a white background.

Color Contrast Check

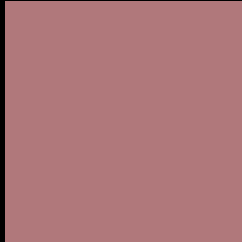
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0931, 0.3800, 0.3247 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 24.0931, 0.3800, 0.3247

Background



This preview shows how black text looks on a background with the Yxy color 24.0931, 0.3800, 0.3247.



This preview shows how white text looks on a background with the Yxy color 24.0931, 0.3800, 0.3247.

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

24.0931, 0.3800, 0.3247

Protanopia

24.0922, 0.3204, 0.3341

Deuteranopia

24.1180, 0.3503, 0.3439



Tritanopia

24.0993, 0.3752, 0.3159

Trichromacy



Original Color

24.0931, 0.3800, 0.3247

Protanomaly

23.9344, 0.3412, 0.3307

Deuteranomaly

23.9039, 0.3603, 0.3355

Tritanomaly

24.0471, 0.3778, 0.3188

Monochromacy



Original Color

24.0931, 0.3800, 0.3247

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.4779, 0.3350, 0.3274

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0931, 0.3800, 0.3247 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(176, 120, 123)` looks like.

```
.text, #text, p{  
    color:rgb(176, 120, 123)  
}
```

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(176, 120, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 120, 123) }
```

Border

The CSS property to change the border of an element to Yxy 24.0931, 0.3800, 0.3247 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(176, 120, 123) }
```

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

```
.border{ border-color:rgb(176, 120, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 120, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 120, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 120, 123);  
box-shadow:4px 4px 4px 4px rgb(176, 120,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0931, 0.3800, 0.3247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 120, 123) }
```

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

```
.background{ background-color: rgb(176,  
120, 123) }
```

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