

Converting Colors

$Y_{xy}(24.0270, 0.3849, 0.3176)$

Have a look what the booklet for
Yxy(24.0270, 0.3849, 0.3176)
contains.

| | |
|-------------------------------------------|----|
| Yxy(24.0270, 0.3849, 0.3176) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(24.0270, 0.3849, 0.3176)

Conversions

Conversions Part 1

| Format | Color |
|----------------------|--------------------------------------------|
| Hex | B5757D |
| RGB | 181, 117, 125 |
| RGB Percent | 71%, 46%, 49% |
| CMY | 0.2902, 0.5411, 0.5098 |
| CMYK | 0.00, 0.35, 0.31, 0.29 |
| HSL | 353°, 30%, 58% |
| HSV | 353°, 35%, 71% |
| XYZ | 29.1184, 24.0270, 22.5064 |
| YIQ | 137.0480, 35.5760, 16.0560 |

Conversions

Conversions Part 2

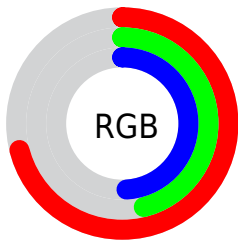
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 181, 117, 125 |
| Decimal | 11892093 |
| CIE _{Lab} | 56.11, 26.22, 6.08 |
| CIE _{LCh} | 56, 26.921, 13.059 |
| Yxy | 24.0270, 0.3849, 0.3176 |
| Android (android.graphics.Color) | 4290082173 (0xFFB5757D) |
| YUV | 137.0480, -5.9397, 38.5459 |
| Hunter-Lab | 49.0173, 20.2562, 7.0890 |

Details

The Yxy color **24.0270, 0.3849, 0.3176** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **39.8452, 0.2688, 0.3411**, and the grayscale version is **25.0489, 0.3127, 0.3290**.

A 20% lighter version of the original color is **50.1409, 0.3683, 0.3202**, and **9.0917, 0.4126, 0.3132** is the 20% darker color. If you saturate the color by 10%, you get **19.8371, 0.4166, 0.3145**, and if you desaturate by 10%, it is **29.0992, 0.3588, 0.3209**.

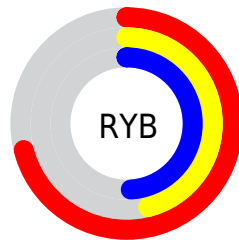
Distribution



Red (71%)

Green (46%)

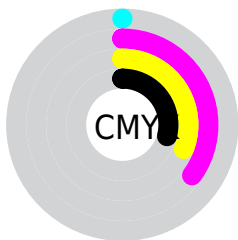
Blue (49%)



Red (71%)

Yellow (46%)

Blue (49%)

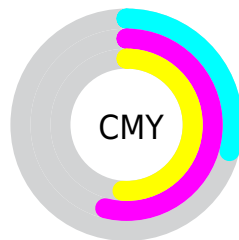


Cyan (0%)

Magenta (35%)

Yellow (31%)

Black (29%)



Cyan (29%)


Magenta (54%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.0270, 0.3849, 0.3176 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 24.0270, 0.3849, 0.3176 by changing the saturation by 10% instead.


 24.0270, 0.3849,
0.3176


 24.0270, 0.3849,
0.3176


272.9570, 0.3446,
0.3246


 15.3537, 0.3966,
0.3153


 50.0743, 0.3691,
0.3205

 9.0680, 0.4129,
0.3119


 68.2170, 0.3635,
0.3215

 4.7855, 0.4367,
0.3065

 90.2849, 0.3589,
0.3223

 2.1220, 0.4750,
0.2970

116.6625, 0.3551,
0.3229

 0.6769, 0.5800,
0.2876

147.7341, 0.3519,
0.3234

 0.0000, 1.0000,
0.0000

183.8841, 0.3491,

 0.0000, 0.0000,

0.3239

0.0000

225.4969, 0.3467,
0.3243

■ 24.0270, 0.3849,
0.3176

■ 24.0270, 0.3849,
0.3176

■ 19.8371, 0.4166,
0.3145

■ 29.0992, 0.3588,
0.3209

■ 16.4757, 0.4541,
0.3120

■ 35.0965, 0.3376,
0.3243

■ 13.8888, 0.4962,
0.3108

■ 42.0630, 0.3205,
0.3274


■ 12.0143, 0.5401,
0.3114


■ 50.0390, 0.3067,
0.3303


■ 10.7806, 0.5809,
0.3143

■ 59.0625, 0.2955,
0.3330

 10.0994, 0.6126,
0.3193

 69.1696, 0.2864,
0.3354

 9.8835, 0.6241,
0.3211

 80.3946, 0.2790,
0.3376

 88.3526, 0.2722,
0.3324

 88.5632, 0.2706,
0.3289

Harmonies

Analogous

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



24.0270, 0.3433, 0.2845



24.0270, 0.3849, 0.3176



24.0270, 0.4057, 0.3551

Triad

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



24.0270, 0.3849, 0.3176



24.0270, 0.3243, 0.4096



24.0270, 0.2319, 0.2635

Complementary

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



24.0270, 0.3849, 0.3176



39.8452, 0.2688, 0.3411

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.



24.0270, 0.2279, 0.2917



24.0270, 0.3849, 0.3176



24.0270, 0.2789, 0.3804

Square

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



24.0270, 0.3849, 0.3176



24.0270, 0.3685, 0.4114



24.0270, 0.2443, 0.3349



24.0270, 0.2556, 0.2538

Rectangle

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



24.0270, 0.3849, 0.3176



24.0270, 0.4042, 0.3789



24.0270, 0.2443, 0.3349



24.0270, 0.2283, 0.2709

Sweetspot

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



24.0282, 0.3849, 0.3176



67.8485, 0.3300, 0.3256



24.8834, 0.3073, 0.2403



14.3141, 0.3323, 0.3252



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



24.0282, 0.3849, 0.3176



37.3719, 0.4076, 0.3153



30.0013, 0.3836, 0.3629



8.5220, 0.3268, 0.3262



6.8197, 0.6219, 0.3200



0.2201, 0.5652, 0.2887

Inverse Universe

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



24.0282, 0.3849, 0.3176



37.3719, 0.4076, 0.3153



31.4130, 0.2587, 0.2921



8.5220, 0.3268, 0.3262



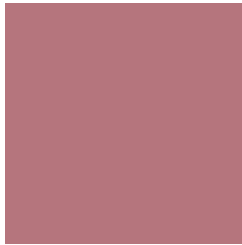
6.8197, 0.6219, 0.3200



0.2201, 0.5652, 0.2887

Previews

White Background



This preview shows how the Yxy color 24.0270, 0.3849, 0.3176 looks on a white background.

Color Contrast Check

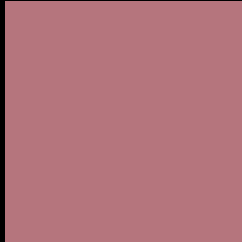
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.0270, 0.3849, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

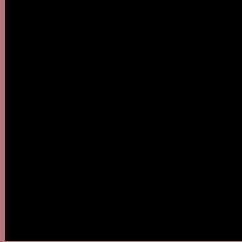
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.0270, 0.3849, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 24.0270, 0.3849, 0.3176.



This preview shows how white text looks on a background with the Yxy color 24.0270, 0.3849, 0.3176.

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

24.0270, 0.3849, 0.3176

Protanopia

24.1178, 0.3151, 0.3273

Deuteranopia

24.0707, 0.3468, 0.3406



Tritanopia

24.0527, 0.3836, 0.3162

Trichromacy



Original Color

24.0270, 0.3849, 0.3176

Protanomaly

23.8493, 0.3392, 0.3242

Deuteranomaly

23.9090, 0.3607, 0.3307

Tritanomaly

24.0527, 0.3836, 0.3162

Monochromacy



Original Color

24.0270, 0.3849, 0.3176

Achromatopsia

25.0158, 0.3127, 0.3290

Achromatomaly

24.4310, 0.3365, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.0270, 0.3849, 0.3176 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(181, 117, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 117, 125)  
}
```

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(181, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 117, 125) }
```

Border

The CSS property to change the border of an element to Yxy 24.0270, 0.3849, 0.3176 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(181, 117, 125) }
```

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

```
.border{ border-color:rgb(181, 117, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 117, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 117, 125);  
box-shadow:4px 4px 4px 4px rgb(181, 117,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 24.0270, 0.3849, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 117, 125) }
```

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

```
.background{ background-color: rgb(181,  
117, 125) }
```

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