

Converting Colors

$Y_{xy}(24.7680, 0.3923, 0.3180)$

Have a look what the booklet for
Yxy(24.7680, 0.3923, 0.3180)
contains.

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Color

Yxy(24.7680, 0.3923, 0.3180)

Conversions

Conversions Part 1

Format	Color
Hex	BB757D
RGB	187, 117, 125
RGB Percent	73%, 46%, 49%
CMY	0.2667, 0.5411, 0.5099
CMYK	0.00, 0.37, 0.33, 0.27
HSL	353°, 34%, 60%
HSV	353°, 37%, 73%
XYZ	30.5550, 24.7680, 22.5638
YIQ	138.8420, 39.1520, 17.3280

Conversions

Conversions Part 2

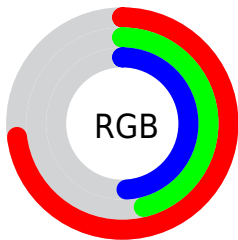
Format	Color
R _Y B	187, 117, 125
Decimal	12285309
CIE Lab	56.85, 28.52, 7.25
CIE LCh	57, 29.423, 14.261
Yxy	24.7680, 0.3923, 0.3180
Android (android.graphics.Color)	4290475389 (0xFFBB757D)
YUV	138.8420, -6.8241, 42.2346
Hunter-Lab	49.7675, 22.4979, 7.9560

Details

The Yxy color **24.7680, 0.3923, 0.3180** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42.5787, 0.2661, 0.3407**, and the grayscale version is **25.7705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3763, 0.3747, 0.3205**, and **9.4416, 0.4240, 0.3121** is the 20% darker color. If you saturate the color by 10%, you get **20.4492, 0.4258, 0.3153**, and if you desaturate by 10%, it is **30.0303, 0.3646, 0.3210**.

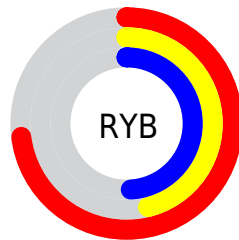
Distribution



Red (73%)

Green (46%)

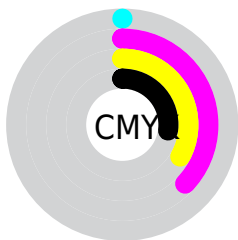
Blue (49%)



Red (73%)

Yellow (46%)

Blue (49%)

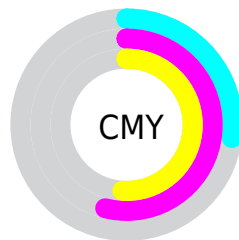


Cyan (0%)

Magenta (37%)

Yellow (33%)

Black (27%)



Cyan (27%)


Magenta (54%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.7680, 0.3923, 0.3180 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 24.7680, 0.3923, 0.3180 by changing the saturation by 10% instead.


 24.7680, 0.3923,
0.3180


 24.7680, 0.3923,
0.3180


276.6806, 0.3480,
0.3249

 15.9043, 0.4051,
0.3157


 51.2806, 0.3750,
0.3209

 9.4565, 0.4227,
0.3122


 69.6983, 0.3689,
0.3219

 5.0401, 0.4484,
0.3067

 92.0694, 0.3638,
0.3227

 2.2708, 0.4890,
0.2967

118.7784, 0.3596,
0.3233

 0.7582, 0.5912,
0.2878

150.2096, 0.3561,
0.3238

 0.0000, 1.0000,
0.0000


186.7474, 0.3530,

 0.0000, 0.0000,


0.3242


0.0000


228.7763, 0.3503,
0.3246

 24.7680, 0.3923,
0.3180


 24.7680, 0.3923,
0.3180

 20.4492, 0.4258,
0.3153

 30.0303, 0.3646,
0.3210


 17.0146, 0.4650,
0.3133


 36.2835, 0.3420,
0.3241


 14.4040, 0.5085,
0.3125

 43.5762, 0.3239,
0.3270


 12.5480, 0.5526,
0.3136


 51.9527, 0.3092,
0.3297


 11.3659, 0.5918,
0.3168

 61.4548, 0.2974,
0.3322

 10.7417, 0.6206,
0.3216

 72.1220, 0.2879,
0.3344

 10.6199, 0.6264,
0.3224

 83.9920, 0.2800,
0.3365

 89.3047, 0.2736,
0.3289

Harmonies

Analogous

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



24.7680, 0.3478, 0.2824



24.7680, 0.3923, 0.3180



24.7680, 0.4136, 0.3581

Triad

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



24.7680, 0.3923, 0.3180



24.7680, 0.3228, 0.4161



24.7680, 0.2265, 0.2575

Complementary

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



24.7680, 0.3923, 0.3180



42.5787, 0.2661, 0.3407

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.



24.7680, 0.2213, 0.2868



24.7680, 0.3923, 0.3180



24.7680, 0.2743, 0.3831

Square

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



24.7680, 0.3923, 0.3180



24.7680, 0.3709, 0.4186



24.7680, 0.2379, 0.3330



24.7680, 0.2526, 0.2482

Rectangle

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



24.7680, 0.3923, 0.3180



24.7680, 0.4111, 0.3837



24.7680, 0.2379, 0.3330



24.7680, 0.2224, 0.2651

Sweetspot

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



24.7692, 0.3923, 0.3180



72.9251, 0.3302, 0.3259



25.8762, 0.3081, 0.2353



15.6649, 0.3327, 0.3255



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



24.7692, 0.3923, 0.3180



37.8260, 0.4197, 0.3157



31.7467, 0.3887, 0.3666



9.5536, 0.3271, 0.3264



7.3229, 0.6244, 0.3214



0.2928, 0.5772, 0.2953

Inverse Universe

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



24.7692, 0.3923, 0.3180



37.8260, 0.4197, 0.3157



32.5706, 0.2552, 0.2876



9.5536, 0.3271, 0.3264



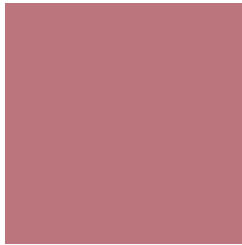
7.3229, 0.6244, 0.3214



0.2928, 0.5772, 0.2953

Previews

White Background



This preview shows how the Yxy color 24.7680, 0.3923, 0.3180 looks on a white background.

Color Contrast Check

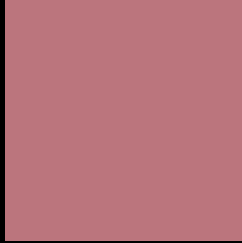
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.7680, 0.3923, 0.3180 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

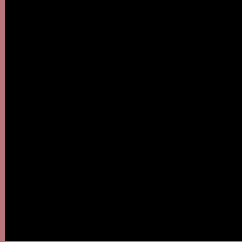
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.7680, 0.3923, 0.3180

Background



This preview shows how black text looks on a background with the Yxy color 24.7680, 0.3923, 0.3180.



This preview shows how white text looks on a background with the Yxy color 24.7680, 0.3923, 0.3180.

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

24.7680, 0.3923, 0.3180

Protanopia

24.8466, 0.3171, 0.3307

Deuteranopia

24.8762, 0.3509, 0.3453



Tritanopia

24.7937, 0.3909, 0.3165

Trichromacy



Original Color

24.7680, 0.3923, 0.3180

Protanomaly

24.4071, 0.3426, 0.3259

Deuteranomaly

24.8243, 0.3661, 0.3353

Tritanomaly

24.7937, 0.3909, 0.3165

Monochromacy



Original Color

24.7680, 0.3923, 0.3180

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.0217, 0.3387, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.7680, 0.3923, 0.3180 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(187, 117, 125)` looks like.

```
.text, #text, p{  
    color:rgb(187, 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(187, 117, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 117, 125) }
```

Border

The CSS property to change the border of an element to Yxy 24.7680, 0.3923, 0.3180 is called "border". The border property can be set on classes, ids or directly on the HTML element.

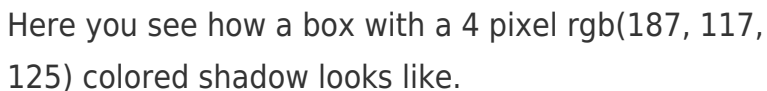
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(187, 117, 125) }
```

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

```
.border{ border-color:rgb(187, 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(187, 117, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(187, 117, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(187, 117, 125); box-shadow:4px 4px 4px 4px rgb(187, 117, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 24.7680, 0.3923, 0.3180 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 117, 125) }
```

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

```
.background{ background-color: rgb(187,  
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](#).

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