

Converting Colors

$Yxy(24.8194, 0.3826, 0.3163)$

Have a look what the booklet for
Yxy(24.8194, 0.3826, 0.3163)
contains.

Yxy(24.8194, 0.3826, 0.3163)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(24.8194, 0.3826, 0.3163)

Conversions

Conversions Part 1

Format	Color
Hex	B77780
RGB	183, 119, 128
RGB Percent	72%, 47%, 50%
CMY	0.2823, 0.5333, 0.4981
CMYK	0.00, 0.35, 0.30, 0.28
HSL	352°, 31%, 59%
HSV	352°, 35%, 72%
XYZ	30.0218, 24.8194, 23.6267
YIQ	139.1620, 35.2550, 16.3670

Conversions

Conversions Part 2

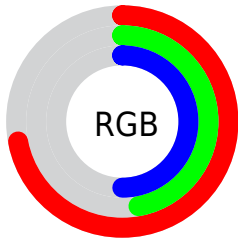
Format	Color
R _Y B	183, 119, 128
Decimal	12023680
CIE Lab	56.90, 26.30, 5.50
CIE LCh	57, 26.865, 11.824
Yxy	24.8194, 0.3826, 0.3163
Android (android.graphics.Color)	4290213760 (0xFFB77780)
YUV	139.1620, -5.5029, 38.4459
Hunter-Lab	49.8191, 20.3838, 6.7551

Details

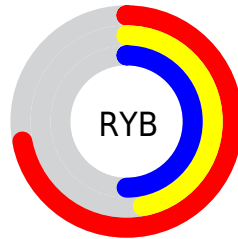
The Yxy color **24.8194, 0.3826, 0.3163** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **40.8479, 0.2698, 0.3425**, and the grayscale version is **25.8963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.3665, 0.3668, 0.3192**, and **9.4100, 0.4091, 0.3094** is the 20% darker color. If you saturate the color by 10%, you get **20.4933, 0.4135, 0.3128**, and if you desaturate by 10%, it is **30.0508, 0.3571, 0.3201**.

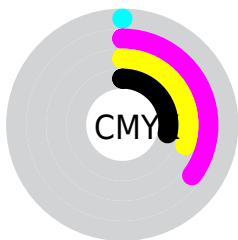
Distribution



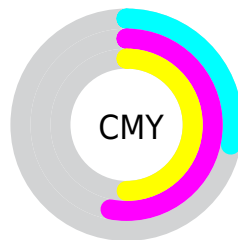
- Red (72%)
- Green (47%)
- Blue (50%)



- Red (72%)
- Yellow (47%)
- Blue (50%)



- Cyan (0%)
- Magenta (35%)
- Yellow (30%)
- Black (28%)





- Cyan (28%)
- Magenta (53%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.8194, 0.3826, 0.3163 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 24.8194, 0.3826, 0.3163 by changing the saturation by 10% instead.


 24.8194, 0.3826,
0.3163

 24.8194, 0.3826,
0.3163


276.9373, 0.3438,
0.3239


 15.9426, 0.3938,
0.3139


 51.3641, 0.3674,
0.3194

 9.4835, 0.4093,
0.3104


 69.8007, 0.3621,
0.3205

 5.0579, 0.4319,
0.3049


 92.1927, 0.3576,
0.3213

 2.2813, 0.4678,
0.2954

118.9245, 0.3540,
0.3220

 0.7638, 0.5509,
0.2833

150.3805, 0.3508,
0.3226

 0.0000, 1.0000,
0.0000

186.9450, 0.3481,

 0.0000, 0.0000,

0.3231

0.0000

229.0025, 0.3458,
0.3235

■ 24.8194, 0.3826,
0.3163

■ 24.8194, 0.3826,
0.3163

■ 20.4933, 0.4135,
0.3128

■ 30.0508, 0.3571,
0.3201

■ 17.0176, 0.4501,
0.3099

■ 36.2312, 0.3365,
0.3238

■ 14.3372, 0.4914,
0.3084


■ 43.4056, 0.3198,
0.3273


■ 12.3888, 0.5348,
0.3088


■ 51.6152, 0.3063,
0.3306

■ 11.0995, 0.5757,
0.3118

■ 60.8989, 0.2954,
0.3336

 10.3808, 0.6084,
0.3172

 71.2935, 0.2865,
0.3364

 10.1411, 0.6212,
0.3196

 82.8341, 0.2793,
0.3388

 88.7332, 0.2722,
0.3301

 88.8079, 0.2716,
0.3289

Harmonies

Analogous

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



24.8194, 0.3410, 0.2839



24.8194, 0.3826, 0.3163



24.8194, 0.4042, 0.3533

Triad

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



24.8194, 0.3826, 0.3163



24.8194, 0.3261, 0.4092



24.8194, 0.2323, 0.2651

Complementary

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



24.8194, 0.3826, 0.3163



40.8479, 0.2698, 0.3425

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.



24.8194, 0.2292, 0.2938



24.8194, 0.3826, 0.3163



24.8194, 0.2811, 0.3813

Square

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



24.8194, 0.3826, 0.3163



24.8194, 0.3694, 0.4099



24.8194, 0.2463, 0.3368



24.8194, 0.2550, 0.2547

Rectangle

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



24.8194, 0.3826, 0.3163



24.8194, 0.4035, 0.3770



24.8194, 0.2463, 0.3368



24.8194, 0.2290, 0.2727

Sweetspot

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



24.8206, 0.3826, 0.3163



70.8355, 0.3280, 0.3255



25.5440, 0.3062, 0.2409



15.2529, 0.3304, 0.3250



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



24.8206, 0.3826, 0.3163



38.3293, 0.4060, 0.3135



30.5690, 0.3832, 0.3611



9.0322, 0.3266, 0.3258



7.0804, 0.6190, 0.3184



0.2562, 0.5612, 0.2865

Inverse Universe

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



24.8206, 0.3826, 0.3163



38.3293, 0.4060, 0.3135



32.6930, 0.2595, 0.2942



9.0322, 0.3266, 0.3258



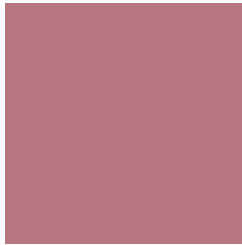
7.0804, 0.6190, 0.3184



0.2562, 0.5612, 0.2865

Previews

White Background



This preview shows how the Yxy color 24.8194, 0.3826, 0.3163 looks on a white background.

Color Contrast Check

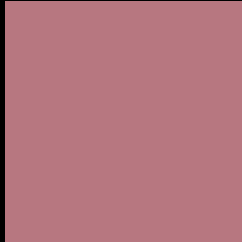
Large Text (above 18pt) WCAG AA ✓ Pass

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 24.8194, 0.3826, 0.3163 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

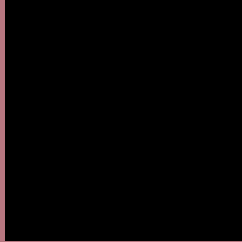
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.8194, 0.3826, 0.3163

Background



This preview shows how black text looks on a background with the Yxy color 24.8194, 0.3826, 0.3163.



This preview shows how white text looks on a background with the Yxy color 24.8194, 0.3826, 0.3163.

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

24.8194, 0.3826, 0.3163

Protanopia

24.9323, 0.3140, 0.3257

Deuteranopia

24.8789, 0.3452, 0.3388



Tritanopia

24.8194, 0.3826, 0.3163

Trichromacy



Original Color

24.8194, 0.3826, 0.3163

Protanomaly

24.6551, 0.3377, 0.3227

Deuteranomaly

24.7104, 0.3588, 0.3291

Tritanomaly

24.8194, 0.3826, 0.3163

Monochromacy



Original Color

24.8194, 0.3826, 0.3163

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2204, 0.3361, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.8194, 0.3826, 0.3163 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(183, 119, 128)` looks like.

```
.text, #text, p{  
    color:rgb(183, 119, 128)  
}
```

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(183, 119, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 119, 128) }
```

Border

The CSS property to change the border of an element to Yxy 24.8194, 0.3826, 0.3163 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(183, 119, 128) }
```

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

```
.border{ border-color:rgb(183, 119, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 119, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 119, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 119, 128);  
box-shadow:4px 4px 4px 4px rgb(183, 119,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 24.8194, 0.3826, 0.3163 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 119, 128) }
```

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

```
.background{ background-color: rgb(183,  
119, 128) }
```

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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