

Converting Colors

$Y_{xy}(24.8964, 0.3982, 0.3292)$

Have a look what the booklet for
Yxy(24.8964, 0.3982, 0.3292)
contains.

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Color

Yxy(24.9647, 0.3980, 0.3293)

Conversions

Conversions Part 1

Format	Color
Hex	BA7777
RGB	186, 119, 119
RGB Percent	73%, 47%, 47%
CMY	0.2706, 0.5333, 0.5334
CMYK	0.00, 0.36, 0.36, 0.27
HSL	0°, 33%, 60%
HSV	0°, 36%, 73%
XYZ	30.1729, 24.9647, 20.6738
YIQ	139.0330, 39.9320, 14.2040

Conversions

Conversions Part 2

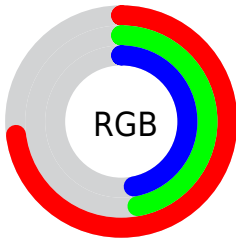
Format	Color
R_{YB}	186, 119, 119
Decimal	12220279
CIE Lab	57.04, 26.25, 10.98
CIE LCh	57, 28.457, 22.698
Yxy	24.9647, 0.3980, 0.3293
Android (android.graphics.Color)	4290410359 (0xFFBA7777)
YUV	139.0330, -9.8763, 41.1901
Hunter-Lab	49.9647, 20.3553, 10.4430

Details

The Yxy color **24.9647, 0.3980, 0.3293** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42.5622, 0.2628, 0.3288**, and the grayscale version is **25.8596, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.6784, 0.3797, 0.3303**, and **9.5365, 0.4309, 0.3255** is the 20% darker color. If you saturate the color by 10%, you get **20.5612, 0.4352, 0.3294**, and if you desaturate by 10%, it is **30.3234, 0.3673, 0.3292**.

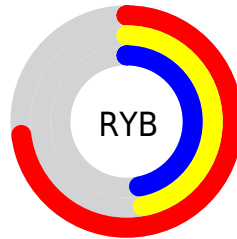
Distribution



Red (73%)

Green (47%)

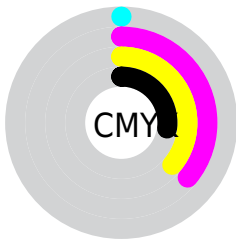
Blue (47%)



Red (73%)

Yellow (47%)

Blue (47%)

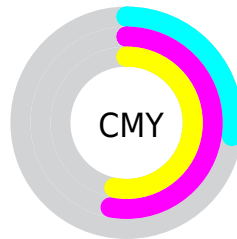


Cyan (0%)

Magenta (36%)

Yellow (36%)

Black (27%)



Cyan (27%)

Magenta (53%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 24.9647, 0.3980, 0.3293 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 24.9647, 0.3980, 0.3293 by changing the saturation by 10% instead.


 24.9647, 0.3980,
0.3293


 24.9647, 0.3980,
0.3293


277.6621, 0.3505,
0.3303


 16.0508, 0.4117,
0.3285


 51.6000, 0.3794,
0.3301

 9.5601, 0.4305,
0.3269

 70.0900, 0.3729,
0.3302

 5.1083, 0.4579,
0.3239

 92.5410, 0.3675,
0.3303

 2.3109, 0.5010,
0.3173

119.3372, 0.3630,
0.3304

 0.7795, 0.6363,
0.3295

150.8630, 0.3591,
0.3304

 0.0000, 1.0000,
0.0000

187.5028, 0.3559,


 0.0000, 0.0000,


0.3304

0.0000


229.6410, 0.3530,
0.3304

 24.9647, 0.3980,
0.3293


 24.9647, 0.3980,
0.3293


 20.5612, 0.4352,
0.3294

 30.3234, 0.3673,
0.3292


 17.0534, 0.4786,
0.3296


 36.6850, 0.3426,
0.3291


 14.3810, 0.5259,
0.3297


 44.0981, 0.3227,
0.3290

 12.4747, 0.5721,
0.3298

 52.6075, 0.3068,
0.3290


 11.2540, 0.6099,
0.3299

 62.2551, 0.2941,
0.3289

 10.6162, 0.6331,
0.3300

 73.0807, 0.2838,
0.3289

 10.4397, 0.6400,
0.3300

 85.1221, 0.2754,
0.3289

 89.1775, 0.2731,
0.3289

Harmonies

Analogous

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



24.9647, 0.3601, 0.2928



24.9647, 0.3980, 0.3293



24.9647, 0.4106, 0.3682

Triad

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



24.9647, 0.3980, 0.3293



24.9647, 0.3089, 0.4065



24.9647, 0.2345, 0.2554

Complementary

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



24.9647, 0.3980, 0.3293



42.5622, 0.2628, 0.3288

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.



24.9647, 0.2236, 0.2785



24.9647, 0.3980, 0.3293



24.9647, 0.2641, 0.3684

Square

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



24.9647, 0.3980, 0.3293



24.9647, 0.3569, 0.4176



24.9647, 0.2338, 0.3194



24.9647, 0.2650, 0.2516

Rectangle

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



24.9647, 0.3980, 0.3293



24.9647, 0.4029, 0.3915



24.9647, 0.2338, 0.3194



24.9647, 0.2285, 0.2609

Sweetspot

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



24.9659, 0.3980, 0.3293



72.7746, 0.3324, 0.3291



27.1705, 0.3168, 0.2411



15.6284, 0.3351, 0.3291



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.



24.9659, 0.3980, 0.3293



38.9758, 0.4260, 0.3294



34.3824, 0.3812, 0.3757



9.0130, 0.3288, 0.3291



7.0249, 0.6400, 0.3300



0.2479, 0.6398, 0.3302

Inverse Universe

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



42.5622, 0.2628, 0.3288



75.4555, 0.2543, 0.3288



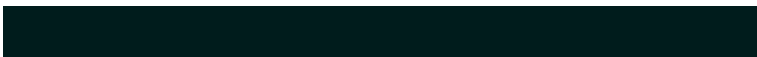
30.0784, 0.2556, 0.2769



10.2098, 0.2985, 0.3289



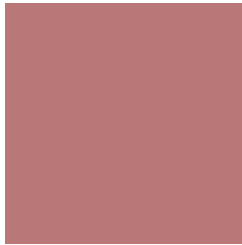
25.9829, 0.2246, 0.3286



0.9162, 0.2246, 0.3286

Previews

White Background



This preview shows how the Yxy color 24.9647, 0.3980, 0.3293 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 24.9647, 0.3980, 0.3293 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

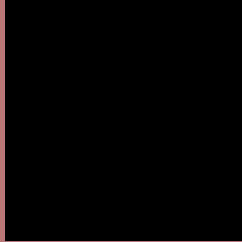
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 24.9647, 0.3980, 0.3293

Background



This preview shows how black text looks on a background with the Yxy color 24.9647, 0.3980, 0.3293.



This preview shows how white text looks on a background with the Yxy color 24.9647, 0.3980, 0.3293.

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

24.9647, 0.3980, 0.3293

Protanopia

25.2006, 0.3277, 0.3442

Deuteranopia

25.0560, 0.3604, 0.3532



Tritanopia

25.0540, 0.3892, 0.3165

Trichromacy



Original Color

24.9647, 0.3980, 0.3293

Protanomaly

24.7150, 0.3517, 0.3371

Deuteranomaly

24.8116, 0.3734, 0.3431

Tritanomaly

24.9769, 0.3931, 0.3208

Monochromacy



Original Color

24.9647, 0.3980, 0.3293

Achromatopsia

25.8183, 0.3127, 0.3290

Achromatomaly

25.2364, 0.3407, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 24.9647, 0.3980, 0.3293 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(186, 119, 119)` looks like.

```
.text, #text, p{  
    color:rgb(186, 119, 119)  
}
```

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(186, 119, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 119, 119) }
```

Border

The CSS property to change the border of an element to Yxy 24.9647, 0.3980, 0.3293 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(186, 119, 119) }
```

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

```
.border{ border-color:rgb(186, 119, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 119, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 119, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 119, 119);  
box-shadow:4px 4px 4px 4px rgb(186, 119,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 24.9647, 0.3980, 0.3293 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 119, 119) }
```

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

```
.background{ background-color: rgb(186,  
119, 119) }
```

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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