

Converting Colors

$Y_{xy}(25.7377, 0.3759, 0.3107)$

Have a look what the booklet for
Yxy(25.7377, 0.3759, 0.3107)
contains.

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Color

Yxy(25.7103, 0.3765, 0.3108)

Conversions

Conversions Part 1

Format	Color
Hex	B97986
RGB	185, 121, 134
RGB Percent	73%, 47%, 53%
CMY	0.2745, 0.5254, 0.4746
CMYK	0.00, 0.35, 0.28, 0.27
HSL	348°, 31%, 60%
HSV	348°, 35%, 73%
XYZ	31.1452, 25.7103, 25.8675
YIQ	141.6180, 33.9710, 17.6110

Conversions

Conversions Part 2

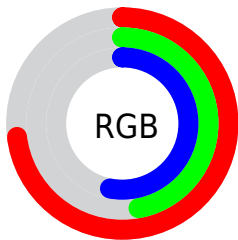
Format	Color
R _Y B	185, 121, 134
Decimal	12155270
CIE Lab	57.76, 26.77, 3.31
CIE LCh	58, 26.978, 7.038
Yxy	25.7103, 0.3765, 0.3108
Android (android.graphics.Color)	4290345350 (0xFFB97986)
YUV	141.6180, -3.7557, 38.0460
Hunter-Lab	50.7053, 20.9074, 5.2468

Details

The Yxy color $25.7103, 0.3765, 0.3108$ is a dark color, and the websafe version is hex 996666 . A complement of this color would be $41.7395, 0.2728, 0.3484$, and the grayscale version is $26.8970, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.7372, 0.3626, 0.3149$, and $9.9082, 0.3991, 0.3019$ is the 20% darker color. If you saturate the color by 10%, you get $21.2545, 0.4048, 0.3056$, and if you desaturate by 10%, it is $31.0881, 0.3532, 0.3163$.

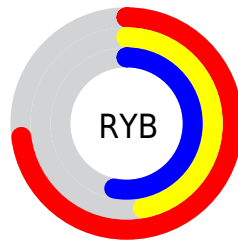
Distribution



Red (73%)

Green (47%)

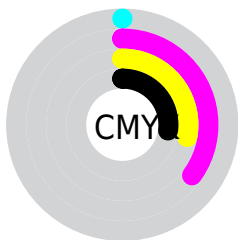
Blue (53%)



Red (73%)

Yellow (47%)

Blue (53%)

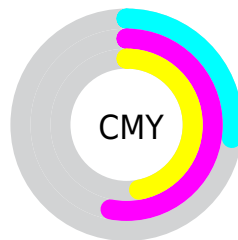


Cyan (0%)

Magenta (35%)

Yellow (28%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7103, 0.3765, 0.3108 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 25.7103, 0.3765, 0.3108 by changing the saturation by 10% instead.


 25.7103, 0.3765,
0.3108


 25.7103, 0.3765,
0.3108


281.3571, 0.3413,
0.3211


 16.6070, 0.3866,
0.3077


 52.8072, 0.3628,
0.3149

 9.9547, 0.4003,
0.3034


 71.5697, 0.3580,
0.3163

 5.3689, 0.4203,
0.2970


 94.3206, 0.3540,
0.3175

 2.4653, 0.4519,
0.2864

121.4445, 0.3506,
0.3185

 0.8592, 0.5119,
0.2682

153.3257, 0.3478,
0.3193

 0.0000, 1.0000,
0.0000

190.3486, 0.3453,

 0.0000, 0.0000,

0.3200

0.0000

232.8976, 0.3432,
0.3206

■ 25.7103, 0.3765,
0.3108

■ 25.7103, 0.3765,
0.3108

■ 21.2545, 0.4048,
0.3056

■ 31.0881, 0.3532,
0.3163

■ 17.6652, 0.4382,
0.3012

■ 37.4320, 0.3342,
0.3217

■ 14.8867, 0.4763,
0.2985

■ 44.7875, 0.3188,
0.3268


■ 12.8552, 0.5171,
0.2982


■ 53.1965, 0.3063,
0.3315


■ 11.4971, 0.5570,
0.3013

■ 62.6981, 0.2961,
0.3359

 10.7238, 0.5912,
0.3078

 73.3298, 0.2879,
0.3399

 10.4499, 0.6068,
0.3116

 85.1269, 0.2811,
0.3435

 88.8600, 0.2741,
0.3321

 89.0532, 0.2726,
0.3289

Harmonies

Analogous

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



25.7103, 0.3333, 0.2799



25.7103, 0.3765, 0.3108



25.7103, 0.4018, 0.3473

Triad

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



25.7103, 0.3765, 0.3108



25.7103, 0.3333, 0.4105



25.7103, 0.2310, 0.2689

Complementary

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



25.7103, 0.3765, 0.3108



41.7395, 0.2728, 0.3484

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.



25.7103, 0.2311, 0.3001



25.7103, 0.3765, 0.3108



25.7103, 0.2881, 0.3869

Square

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



25.7103, 0.3765, 0.3108



25.7103, 0.3749, 0.4070



25.7103, 0.2512, 0.3441



25.7103, 0.2506, 0.2556

Rectangle

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



25.7103, 0.3765, 0.3108



25.7103, 0.4041, 0.3713



25.7103, 0.2512, 0.3441



25.7103, 0.2288, 0.2774

Sweetspot

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



25.7115, 0.3765, 0.3108



72.6448, 0.3270, 0.3240



25.8525, 0.3017, 0.2406



15.2720, 0.3292, 0.3232



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.



25.7115, 0.3765, 0.3108



39.4638, 0.3990, 0.3065



30.1996, 0.3843, 0.3548



9.0412, 0.3257, 0.3244



7.1248, 0.6039, 0.3101



0.2600, 0.5339, 0.2715

Inverse Universe

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



25.7115, 0.3765, 0.3108



39.4638, 0.3990, 0.3065



35.1557, 0.2609, 0.3013



9.0412, 0.3257, 0.3244



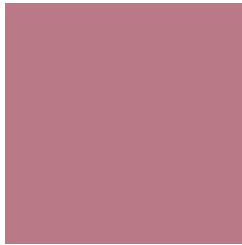
7.1248, 0.6039, 0.3101



0.2600, 0.5339, 0.2715

Previews

White Background



This preview shows how the Yxy color 25.7103, 0.3765, 0.3108 looks on a white background.

Color Contrast Check

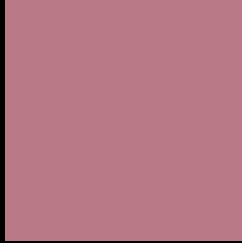
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7103, 0.3765, 0.3108 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

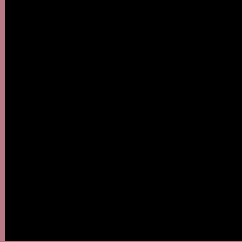
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7103, 0.3765, 0.3108

Background



This preview shows how black text looks on a background with the Yxy color 25.7103, 0.3765, 0.3108.



This preview shows how white text looks on a background with the Yxy color 25.7103, 0.3765, 0.3108.

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

25.7103, 0.3765, 0.3108

Protanopia

25.7660, 0.3088, 0.3191

Deuteranopia

25.6847, 0.3390, 0.3323



Tritanopia

25.8720, 0.3799, 0.3164

Trichromacy



Original Color

25.7103, 0.3765, 0.3108

Protanomaly

25.4639, 0.3317, 0.3164

Deuteranomaly

25.5010, 0.3522, 0.3230

Tritanomaly

25.8993, 0.3786, 0.3150

Monochromacy



Original Color

25.7103, 0.3765, 0.3108

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

26.1834, 0.3348, 0.3212

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7103, 0.3765, 0.3108 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(185, 121, 134)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 134)  
}
```

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(185, 121, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 134) }
```

Border

The CSS property to change the border of an element to Yxy 25.7103, 0.3765, 0.3108 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(185, 121, 134) }
```

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

```
.border{ border-color:rgb(185, 121, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 134);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
134) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7103, 0.3765, 0.3108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 134) }
```

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

```
.background{ background-color: rgb(185,  
121, 134) }
```

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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