

Converting Colors

$Y_{xy}(25.7370, 0.3858, 0.3292)$

Have a look what the booklet for
Yxy(25.7370, 0.3858, 0.3292)
contains.

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Color

Yxy(25.6884, 0.3860, 0.3278)

Conversions

Conversions Part 1

Format	Color
Hex	B77B7C
RGB	183, 123, 124
RGB Percent	72%, 48%, 49%
CMY	0.2823, 0.5176, 0.5138
CMYK	0.00, 0.33, 0.32, 0.28
HSL	359°, 29%, 60%
HSV	359°, 33%, 72%
XYZ	30.2493, 25.6884, 22.4284
YIQ	141.0540, 35.4390, 13.0310

Conversions

Conversions Part 2

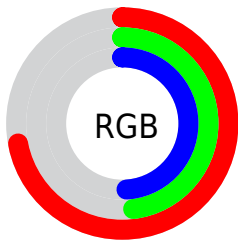
Format	Color
R_{YB}	183, 123, 124
Decimal	12024700
CIE Lab	57.74, 23.53, 9.02
CIE LCh	58, 25.198, 20.980
Yxy	25.6884, 0.3860, 0.3278
Android (android.graphics.Color)	4290214780 (0xFFB77B7C)
YUV	141.0540, -8.4076, 36.7866
Hunter-Lab	50.6837, 17.8367, 9.2418

Details

The Yxy color **25.6884, 0.3860, 0.3278** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **41.4578, 0.2673, 0.3303**, and the grayscale version is **26.6819, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.7105, 0.3703, 0.3292**, and **9.8623, 0.4141, 0.3253** is the 20% darker color. If you saturate the color by 10%, you get **21.1510, 0.4204, 0.3275**, and if you desaturate by 10%, it is **31.1601, 0.3579, 0.3282**.

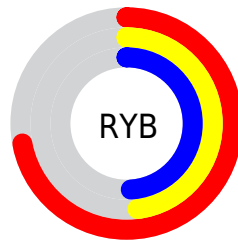
Distribution



Red (72%)

Green (48%)

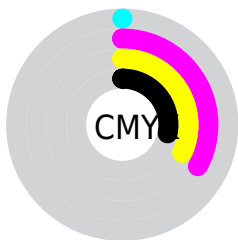
Blue (49%)



Red (72%)

Yellow (48%)

Blue (49%)

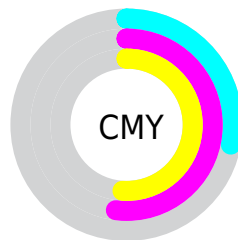


Cyan (0%)

Magenta (33%)

Yellow (32%)

Black (28%)



Cyan (28%)


Magenta (52%)


Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.6884, 0.3860, 0.3278 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 25.6884, 0.3860, 0.3278 by changing the saturation by 10% instead.


 25.6884, 0.3860,
0.3278


 25.6884, 0.3860,
0.3278


281.2491, 0.3454,
0.3293


 16.5907, 0.3977,
0.3270


 52.7718, 0.3702,
0.3286

 9.9431, 0.4137,
0.3256


 71.5263, 0.3646,
0.3289

 5.3612, 0.4369,
0.3231

 94.2685, 0.3599,
0.3290

 2.4607, 0.4736,
0.3177

121.3829, 0.3561,
0.3291

 0.8569, 0.5667,
0.3203

153.2537, 0.3528,
0.3292

 0.0000, 1.0000,
0.0000

190.2654, 0.3500,


 0.0000, 0.0000,


0.3293


0.0000


232.8024, 0.3475,
0.3293


 25.6884, 0.3860,
0.3278

 25.6884, 0.3860,
0.3278

 21.1510, 0.4204,
0.3275


 31.1601, 0.3579,
0.3282

 17.4923, 0.4612,
0.3273


 37.6103, 0.3352,
0.3285


 14.6565, 0.5070,
0.3272


 45.0848, 0.3171,
0.3289


 12.5799, 0.5540,
0.3275


 53.6255, 0.3026,
0.3292


 11.1895, 0.5957,
0.3280

 63.2719, 0.2908,
0.3296

 10.3981, 0.6252,
0.3288

 74.0616, 0.2814,
0.3298

 10.0742, 0.6383,
0.3290

 86.0303, 0.2736,
0.3301

 88.8077, 0.2716,
0.3289

Harmonies

Analogous

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



25.6884, 0.3520, 0.2954



25.6884, 0.3860, 0.3278



25.6884, 0.3987, 0.3624

Triad

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



25.6884, 0.3860, 0.3278



25.6884, 0.3123, 0.3975



25.6884, 0.2424, 0.2648

Complementary

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



25.6884, 0.3860, 0.3278



41.4578, 0.2673, 0.3303

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.



25.6884, 0.2337, 0.2867



25.6884, 0.3860, 0.3278



25.6884, 0.2721, 0.3657

Square

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



25.6884, 0.3860, 0.3278



25.6884, 0.3542, 0.4063



25.6884, 0.2441, 0.3234



25.6884, 0.2688, 0.2600

Rectangle

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



25.6884, 0.3860, 0.3278



25.6884, 0.3931, 0.3831



25.6884, 0.2441, 0.3234



25.6884, 0.2374, 0.2702

Sweetspot

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



25.6896, 0.3860, 0.3278



70.6840, 0.3301, 0.3286



27.5315, 0.3154, 0.2486



15.2156, 0.3328, 0.3286



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.



25.6896, 0.3860, 0.3278



40.2587, 0.4089, 0.3276



33.9555, 0.3741, 0.3700



9.0145, 0.3285, 0.3287



7.0287, 0.6379, 0.3288



0.2486, 0.6294, 0.3241

Inverse Universe

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



25.6896, 0.3860, 0.3278



40.2587, 0.4089, 0.3276



30.7428, 0.2612, 0.2840



9.0145, 0.3285, 0.3287



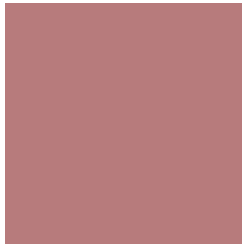
7.0287, 0.6379, 0.3288



0.2486, 0.6294, 0.3241

Previews

White Background



This preview shows how the Yxy color 25.6884, 0.3860, 0.3278 looks on a white background.

Color Contrast Check

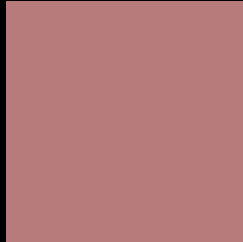
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.6884, 0.3860, 0.3278 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

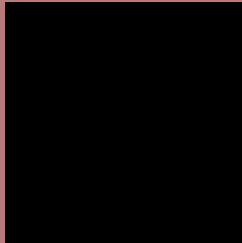
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.6884, 0.3860, 0.3278

Background



This preview shows how black text looks on a background with the Yxy color 25.6884, 0.3860, 0.3278.



This preview shows how white text looks on a background with the Yxy color 25.6884, 0.3860, 0.3278.

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

25.6884, 0.3860, 0.3278

Protanopia

25.9708, 0.3243, 0.3407

Deuteranopia

25.8263, 0.3551, 0.3482



Tritanopia

25.7481, 0.3787, 0.3164

Trichromacy



Original Color

25.6884, 0.3860, 0.3278

Protanomaly

25.6291, 0.3462, 0.3355

Deuteranomaly

25.7202, 0.3661, 0.3399

Tritanomaly

25.6679, 0.3825, 0.3206

Monochromacy



Original Color

25.6884, 0.3860, 0.3278

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8674, 0.3369, 0.3275

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.6884, 0.3860, 0.3278 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, 123, 124)` looks like.

```
.text, #text, p{  
    color:rgb(183, 123, 124)  
}
```

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, 123, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 123, 124) }
```

Border

The CSS property to change the border of an element to Yxy 25.6884, 0.3860, 0.3278 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, 123, 124) }
```

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

```
.border{ border-color:rgb(183, 123, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 123, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 123, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 123, 124);  
box-shadow:4px 4px 4px 4px rgb(183, 123,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 25.6884, 0.3860, 0.3278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 123, 124) }
```

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

```
.background{ background-color: rgb(183,  
123, 124) }
```

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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