

Converting Colors

$Y_{xy}(25.3421, 0.3862, 0.3152)$

Have a look what the booklet for
Yxy(25.3421, 0.3862, 0.3152)
contains.

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Color

Yxy(25.3434, 0.3861, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	BB7781
RGB	187, 119, 129
RGB Percent	73%, 47%, 51%
CMY	0.2667, 0.5333, 0.4940
CMYK	0.00, 0.36, 0.31, 0.27
HSL	351°, 33%, 60%
HSV	351°, 36%, 73%
XYZ	31.0539, 25.3434, 24.0324
YIQ	140.4720, 37.3180, 17.5260

Conversions

Conversions Part 2

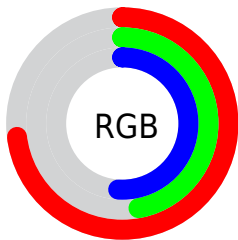
Format	Color
R_{YB}	187, 119, 129
Decimal	12285825
CIE _{Lab}	57.41, 27.96, 5.70
CIE _{LCh}	57, 28.532, 11.522
Y _{xy}	25.3434, 0.3861, 0.3151
Android (android.graphics.Color)	4290475905 (0xFFBB7781)
YUV	140.4720, -5.6557, 40.8051
Hunter-Lab	50.3422, 22.0099, 6.9357

Details

The Yxy color **25.3434, 0.3861, 0.3151** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **42.6359, 0.2686, 0.3438**, and the grayscale version is **26.4315, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.2949, 0.3704, 0.3183**, and **9.7410, 0.4141, 0.3081** is the 20% darker color. If you saturate the color by 10%, you get **20.9313, 0.4176, 0.3115**, and if you desaturate by 10%, it is **30.6998, 0.3601, 0.3191**.

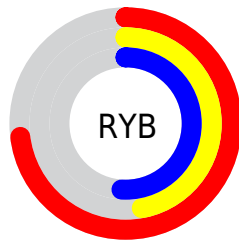
Distribution



Red (73%)

Green (47%)

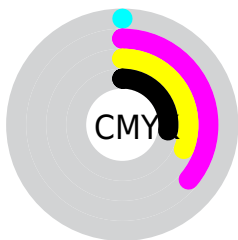
Blue (51%)



Red (73%)

Yellow (47%)

Blue (51%)

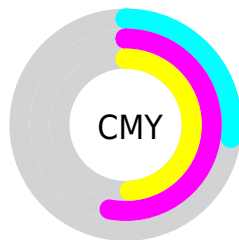


Cyan (0%)

Magenta (36%)

Yellow (31%)

Black (27%)



Cyan (27%)


Magenta (53%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.3434, 0.3861, 0.3151 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 25.3434, 0.3861, 0.3151 by changing the saturation by 10% instead.


 25.3434, 0.3861,
0.3151


 25.3434, 0.3861,
0.3151


279.5438, 0.3454,
0.3234


 16.3331, 0.3978,
0.3125


 52.2138, 0.3703,
0.3185

 9.7602, 0.4138,
0.3087


 70.8426, 0.3646,
0.3196

 5.2402, 0.4371,
0.3029

 93.4464, 0.3600,
0.3206

 2.3889, 0.4739,
0.2928

120.4096, 0.3562,
0.3213

 0.8202, 0.5530,
0.2788

152.1165, 0.3529,
0.3220

 0.0000, 1.0000,
0.0000

188.9516, 0.3500,


 0.0000, 0.0000,


0.3225


0.0000


231.2992, 0.3476,
0.3230

 25.3434, 0.3861,
0.3151


 25.3434, 0.3861,
0.3151


 20.9313, 0.4176,
0.3115


 30.6998, 0.3601,
0.3191


 17.4052, 0.4547,
0.3086


 37.0471, 0.3389,
0.3230


 14.7060, 0.4963,
0.3072


 44.4331, 0.3218,
0.3267


 12.7658, 0.5395,
0.3080

 52.9016, 0.3080,
0.3302


 11.5060, 0.5795,
0.3114

 62.4939, 0.2969,
0.3334

 10.8242, 0.6109,
0.3172

 73.2489, 0.2878,
0.3364

 10.6465, 0.6201,
0.3190

 85.2039, 0.2804,
0.3390

 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.



25.3434, 0.3420, 0.2813



25.3434, 0.3861, 0.3151



25.3434, 0.4091, 0.3538

Triad

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



25.3434, 0.3861, 0.3151



25.3434, 0.3271, 0.4140



25.3434, 0.2282, 0.2619

Complementary

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



25.3434, 0.3861, 0.3151



42.6359, 0.2686, 0.3438

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.



25.3434, 0.2251, 0.2920



25.3434, 0.3861, 0.3151



25.3434, 0.2797, 0.3848

Square

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



25.3434, 0.3861, 0.3151



25.3434, 0.3727, 0.4141



25.3434, 0.2431, 0.3375



25.3434, 0.2517, 0.2510

Rectangle

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



25.3434, 0.3861, 0.3151



25.3434, 0.4085, 0.3788



25.3434, 0.2431, 0.3375



25.3434, 0.2248, 0.2698

Sweetspot

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



25.3446, 0.3861, 0.3151



72.9723, 0.3296, 0.3250



26.1057, 0.3058, 0.2372



15.6763, 0.3319, 0.3245



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.



25.3446, 0.3861, 0.3151



38.6807, 0.4120, 0.3120



31.4820, 0.3870, 0.3625



9.5587, 0.3266, 0.3256



7.3423, 0.6178, 0.3177



0.2950, 0.5616, 0.2867

Inverse Universe

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



25.3446, 0.3861, 0.3151



38.6807, 0.4120, 0.3120



33.7756, 0.2573, 0.2925



9.5587, 0.3266, 0.3256



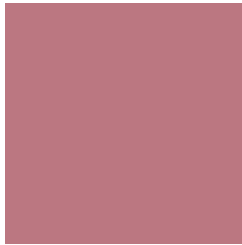
7.3423, 0.6178, 0.3177



0.2950, 0.5616, 0.2867

Previews

White Background



This preview shows how the Yxy color 25.3434, 0.3861, 0.3151 looks on a white background.

Color Contrast Check

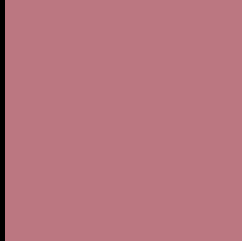
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.3434, 0.3861, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

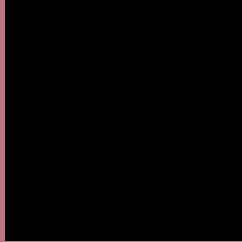
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.3434, 0.3861, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 25.3434, 0.3861, 0.3151.



This preview shows how white text looks on a background with the Yxy color 25.3434, 0.3861, 0.3151.

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

25.3434, 0.3861, 0.3151

Protanopia

25.6165, 0.3139, 0.3273

Deuteranopia

25.3493, 0.3473, 0.3403



Tritanopia

25.3170, 0.3874, 0.3165

Trichromacy



Original Color

25.3434, 0.3861, 0.3151

Protanomaly

25.1500, 0.3387, 0.3227

Deuteranomaly

25.1861, 0.3609, 0.3307

Tritanomaly

25.3170, 0.3874, 0.3165

Monochromacy



Original Color

25.3434, 0.3861, 0.3151

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

25.4482, 0.3373, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.3434, 0.3861, 0.3151 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, 119, 129)` looks like.

```
.text, #text, p{  
    color:rgb(187, 119, 129)  
}
```

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, 119, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 119, 129) }
```

Border

The CSS property to change the border of an element to Yxy 25.3434, 0.3861, 0.3151 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, 119, 129) }
```

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

```
.border{ border-color:rgb(187, 119, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 119, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 119, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 119, 129);  
box-shadow:4px 4px 4px 4px rgb(187, 119,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 25.3434, 0.3861, 0.3151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 119, 129) }
```

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

```
.background{ background-color: rgb(187,  
119, 129) }
```

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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