

Converting Colors

$Yxy(25.4809, 0.3849, 0.3112)$

Have a look what the booklet for
Yxy(25.4809, 0.3849, 0.3112)
contains.

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Color

Yxy(25.5237, 0.3847, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	BC7783
RGB	188, 119, 131
RGB Percent	74%, 47%, 51%
CMY	0.2628, 0.5333, 0.4862
CMYK	0.00, 0.37, 0.30, 0.26
HSL	350°, 34%, 60%
HSV	350°, 37%, 74%
XYZ	31.4308, 25.5237, 24.7475
YIQ	140.9990, 37.2720, 18.3600

Conversions

Conversions Part 2

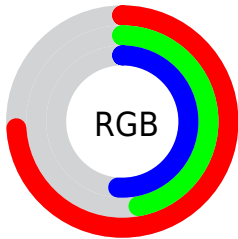
Format	Color
R_{YB}	188, 119, 131
Decimal	12351363
CIE _{Lab}	57.58, 28.60, 4.81
CIE _{LCh}	58, 28.998, 9.550
Yxy	25.5237, 0.3847, 0.3124
Android (android.graphics.Color)	4290541443 (0xFFBC7783)
YUV	140.9990, -4.9295, 41.2199
Hunter-Lab	50.5210, 22.6389, 6.3217

Details

The Yxy color **25.5237, 0.3847, 0.3124** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **43.0171, 0.2694, 0.3468**, and the grayscale version is **26.6454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.5586, 0.3694, 0.3162**, and **9.8520, 0.4118, 0.3045** is the 20% darker color. If you saturate the color by 10%, you get **21.0938, 0.4153, 0.3081**, and if you desaturate by 10%, it is **30.9042, 0.3594, 0.3171**.

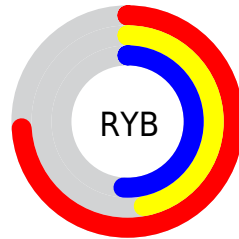
Distribution



Red (74%)

Green (47%)

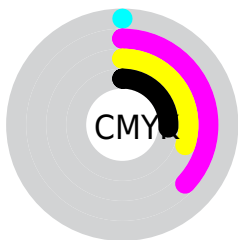
Blue (51%)



Red (74%)

Yellow (47%)

Blue (51%)

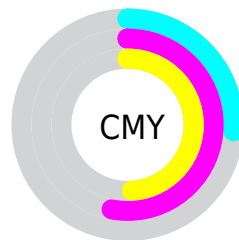


Cyan (0%)

Magenta (37%)

Yellow (30%)

Black (26%)



Cyan (26%)


Magenta (53%)


Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.5237, 0.3847, 0.3124 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 25.5237, 0.3847, 0.3124 by changing the saturation by 10% instead.

 25.5237, 0.3847,
0.3124


 25.5237, 0.3847,
0.3124


280.4361, 0.3449,
0.3221


 16.4677, 0.3961,
0.3094


 52.5056, 0.3692,
0.3163

 9.8557, 0.4117,
0.3052


 71.2002, 0.3637,
0.3176

 5.3034, 0.4344,
0.2988

 93.8764, 0.3592,
0.3187

 2.4263, 0.4702,
0.2880

120.9187, 0.3554,
0.3196

 0.8394, 0.5425,
0.2710

152.7114, 0.3522,
0.3204

 0.0000, 1.0000,
0.0000

189.6389, 0.3494,

 0.0000, 0.0000,

0.3210

0.0000

232.0857, 0.3470,
0.3216

■ 25.5237, 0.3847,
0.3124

■ 25.5237, 0.3847,
0.3124

■ 21.0938, 0.4153,
0.3081

■ 30.9042, 0.3594,
0.3171

■ 17.5555, 0.4513,
0.3046

■ 37.2822, 0.3388,
0.3217

■ 14.8490, 0.4917,
0.3029


■ 44.7063, 0.3221,
0.3262

■ 12.9058, 0.5339,
0.3036

■ 53.2204, 0.3086,
0.3303


■ 11.6462, 0.5735,
0.3073


■ 62.8662, 0.2976,
0.3341

 10.9636, 0.6054,
0.3138

 73.6832, 0.2887,
0.3376

 10.7978, 0.6142,
0.3157

 85.7088, 0.2815,
0.3408

 89.4296, 0.2741,
0.3289

Harmonies

Analogous

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



25.5237, 0.3390, 0.2788



25.5237, 0.3847, 0.3124



25.5237, 0.4098, 0.3515

Triad

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



25.5237, 0.3847, 0.3124



25.5237, 0.3305, 0.4162



25.5237, 0.2262, 0.2624

Complementary

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



25.5237, 0.3847, 0.3124



43.0171, 0.2694, 0.3468

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.



25.5237, 0.2245, 0.2941



25.5237, 0.3847, 0.3124



25.5237, 0.2822, 0.3884

Square

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



25.5237, 0.3847, 0.3124



25.5237, 0.3761, 0.4143



25.5237, 0.2440, 0.3409



25.5237, 0.2487, 0.2501

Rectangle

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



25.5237, 0.3847, 0.3124



25.5237, 0.4105, 0.3770



25.5237, 0.2440, 0.3409



25.5237, 0.2233, 0.2709

Sweetspot

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



25.5249, 0.3847, 0.3124



74.7569, 0.3291, 0.3242



25.9799, 0.3033, 0.2357



15.6854, 0.3314, 0.3236



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.



25.5249, 0.3847, 0.3124



39.6875, 0.4088, 0.3089



31.0282, 0.3891, 0.3596



9.5628, 0.3262, 0.3250



7.3608, 0.6116, 0.3143



0.2968, 0.5500, 0.2804

Inverse Universe

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



25.5249, 0.3847, 0.3124



39.6875, 0.4088, 0.3089



34.8778, 0.2573, 0.2958



9.5628, 0.3262, 0.3250



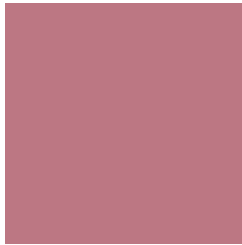
7.3608, 0.6116, 0.3143



0.2968, 0.5500, 0.2804

Previews

White Background



This preview shows how the Yxy color 25.5237, 0.3847, 0.3124 looks on a white background.

Color Contrast Check

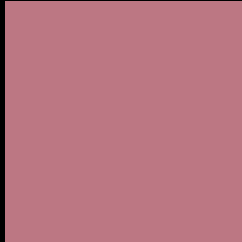
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.5237, 0.3847, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

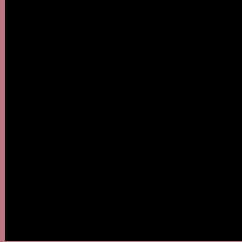
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.5237, 0.3847, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 25.5237, 0.3847, 0.3124.



This preview shows how white text looks on a background with the Yxy color 25.5237, 0.3847, 0.3124.

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

25.5237, 0.3847, 0.3124

Protanopia

25.7054, 0.3108, 0.3224

Deuteranopia

25.6766, 0.3447, 0.3387



Tritanopia

25.4435, 0.3886, 0.3166

Trichromacy



Original Color

25.5237, 0.3847, 0.3124

Protanomaly

25.2357, 0.3353, 0.3180

Deuteranomaly

25.6103, 0.3594, 0.3291

Tritanomaly

25.4700, 0.3873, 0.3152

Monochromacy



Original Color

25.5237, 0.3847, 0.3124

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

25.8503, 0.3372, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.5237, 0.3847, 0.3124 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(188, 119, 131)` looks like.

```
.text, #text, p{  
    color:rgb(188, 119, 131)  
}
```

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(188, 119, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 119, 131) }
```

Border

The CSS property to change the border of an element to Yxy 25.5237, 0.3847, 0.3124 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(188, 119, 131) }
```

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

```
.border{ border-color:rgb(188, 119, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 119, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 119, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 119, 131);  
box-shadow:4px 4px 4px 4px rgb(188, 119,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 25.5237, 0.3847, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 119, 131) }
```

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

```
.background{ background-color: rgb(188,  
119, 131) }
```

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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