

Converting Colors

$Yxy(26.5123, 0.3820, 0.3373)$

Have a look what the booklet for
Yxy(26.5123, 0.3820, 0.3373)
contains.

Yxy(26.5468, 0.3826, 0.3379)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(26.5468, 0.3826, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	B4807A
RGB	180, 128, 122
RGB Percent	71%, 50%, 48%
CMY	0.2940, 0.4981, 0.5215
CMYK	0.00, 0.29, 0.32, 0.29
HSL	6°, 28%, 59%
HSV	6°, 32%, 71%
XYZ	30.0586, 26.5468, 21.9587
YIQ	142.8640, 32.9180, 9.1580

Conversions

Conversions Part 2

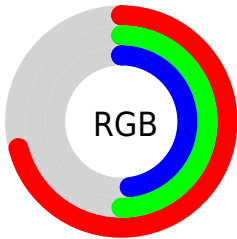
Format	Color
R _Y B	180, 129, 122
Decimal	11829370
CIE Lab	58.55, 19.31, 11.25
CIE LCh	59, 22.347, 30.235
Yxy	26.5468, 0.3826, 0.3379
Android (android.graphics.Color)	4290019450 (0xFFB4807A)
YUV	142.8640, -10.2860, 32.5683
Hunter-Lab	51.5236, 13.9698, 10.7979

Details

The Yxy color **26.5468, 0.3826, 0.3379** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **37.7248, 0.2663, 0.3198**, and the grayscale version is **27.4445, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.1083, 0.3680, 0.3370**, and **10.3654, 0.4103, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **22.2599, 0.4149, 0.3407**, and if you desaturate by 10%, it is **31.5893, 0.3559, 0.3350**.

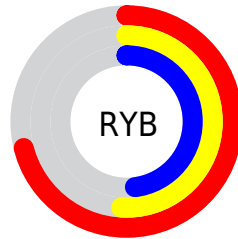
Distribution



Red (71%)

Green (50%)

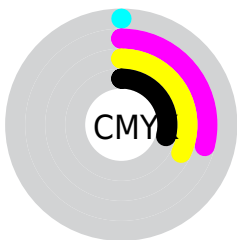
Blue (48%)



Red (71%)

Yellow (51%)

Blue (48%)

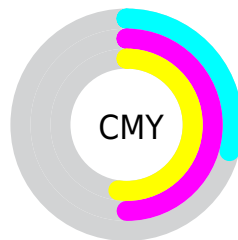


Cyan (0%)

Magenta (29%)

Yellow (32%)

Black (29%)



Cyan (29%)


Magenta (50%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.5468, 0.3826, 0.3379 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 26.5468, 0.3826, 0.3379 by changing the saturation by 10% instead.

 26.5468, 0.3826,
0.3379


 26.5468, 0.3826,
0.3379


285.4561, 0.3440,
0.3339


 17.2331, 0.3936,
0.3386


 54.1558, 0.3676,
0.3366

 10.4009, 0.4086,
0.3393

 73.2199, 0.3623,
0.3361

 5.6655, 0.4304,
0.3397


 96.3029, 0.3579,
0.3356

 2.6428, 0.4643,
0.3389

123.7893, 0.3542,
0.3352

 0.9482, 0.5555,
0.3535

156.0634, 0.3511,
0.3348

 0.0000, 1.0000,
0.0000


193.5096, 0.3484,


 0.0000, 0.0000,


0.3345

0.0000


236.5124, 0.3461,
0.3342


 26.5468, 0.3826,
0.3379

 26.5468, 0.3826,
0.3379


 22.2599, 0.4149,
0.3407


 31.5893, 0.3559,
0.3350

 18.6886, 0.4528,
0.3431


 37.4173, 0.3340,
0.3322


 15.7948, 0.4955,
0.3447

 44.0638, 0.3162,
0.3296


 13.5358, 0.5402,
0.3448


 51.5588, 0.3017,
0.3271

 11.8634, 0.5818,
0.3431

 59.9308, 0.2898,
0.3249

 10.7229, 0.6142,
0.3395

 69.2068, 0.2800,
0.3229

 10.1559, 0.6316,
0.3367

 79.4128, 0.2719,
0.3212

 88.4455, 0.2701,
0.3289

Harmonies

Analogous

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



26.5468, 0.3579, 0.3078



26.5468, 0.3826, 0.3379



26.5468, 0.3871, 0.3678

Triad

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



26.5468, 0.3826, 0.3379



26.5468, 0.3011, 0.3818



26.5468, 0.2562, 0.2694

Complementary

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



26.5468, 0.3826, 0.3379



37.7248, 0.2663, 0.3198

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.



26.5468, 0.2433, 0.2845



26.5468, 0.3826, 0.3379



26.5468, 0.2680, 0.3500

Square

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



26.5468, 0.3826, 0.3379



26.5468, 0.3386, 0.3965



26.5468, 0.2474, 0.3135



26.5468, 0.2840, 0.2695

Rectangle

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



26.5468, 0.3826, 0.3379



26.5468, 0.3781, 0.3840



26.5468, 0.2474, 0.3135



26.5468, 0.2501, 0.2727

Sweetspot

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



26.5481, 0.3826, 0.3379



70.1731, 0.3301, 0.3316



26.6943, 0.3226, 0.2574



14.8233, 0.3327, 0.3320



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.5481, 0.3826, 0.3379



42.2092, 0.4061, 0.3400



35.1641, 0.3698, 0.3784



8.6415, 0.3285, 0.3314



7.1357, 0.6303, 0.3377



0.2701, 0.5965, 0.3646

Inverse Universe

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



37.7248, 0.2663, 0.3198



65.7703, 0.2570, 0.3174



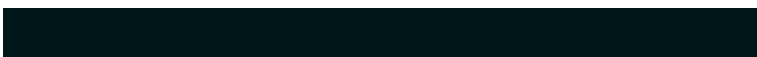
27.7533, 0.2608, 0.2739



9.4790, 0.2986, 0.3266



20.2602, 0.2158, 0.2968



0.6802, 0.2185, 0.3065

Previews

White Background



This preview shows how the Yxy color 26.5468, 0.3826, 0.3379 looks on a white background.

Color Contrast Check

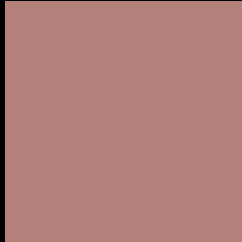
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.5468, 0.3826, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

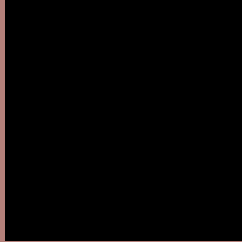
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.5468, 0.3826, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 26.5468, 0.3826, 0.3379.



This preview shows how white text looks on a background with the Yxy color 26.5468, 0.3826, 0.3379.

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

26.5468, 0.3826, 0.3379

Protanopia

26.8378, 0.3316, 0.3487

Deuteranopia

26.6702, 0.3591, 0.3526



Tritanopia

26.5230, 0.3674, 0.3148

Trichromacy



Original Color

26.5468, 0.3826, 0.3379

Protanomaly

26.4856, 0.3499, 0.3449

Deuteranomaly

26.5905, 0.3685, 0.3475

Tritanomaly

26.6412, 0.3732, 0.3234

Monochromacy



Original Color

26.5468, 0.3826, 0.3379

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9941, 0.3360, 0.3338

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.5468, 0.3826, 0.3379 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(180, 128, 122)` looks like.

```
.text, #text, p{  
    color:rgb(180, 128, 122)  
}
```

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(180, 128, 122) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 128, 122) }
```

Border

The CSS property to change the border of an element to Yxy 26.5468, 0.3826, 0.3379 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(180, 128, 122) }
```

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

```
.border{ border-color:rgb(180, 128, 122) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 128, 122)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 128, 122); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 128, 122);  
box-shadow:4px 4px 4px 4px rgb(180, 128,  
122) }
```


Background

The CSS property to change the background color of an element to Yxy 26.5468, 0.3826, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 128, 122) }
```

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

```
.background{ background-color: rgb(180,  
128, 122) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor