

Converting Colors

$Yxy(26.9807, 0.3831, 0.3218)$

Have a look what the booklet for
Yxy(26.9807, 0.3831, 0.3218)
contains.

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Color

Yxy(26.9703, 0.3835, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	BC7D82
RGB	188, 125, 130
RGB Percent	74%, 49%, 51%
CMY	0.2628, 0.5098, 0.4902
CMYK	0.00, 0.34, 0.31, 0.26
HSL	355°, 32%, 61%
HSV	355°, 34%, 74%
XYZ	32.1015, 26.9703, 24.6349
YIQ	144.4070, 35.9430, 14.9110

Conversions

Conversions Part 2

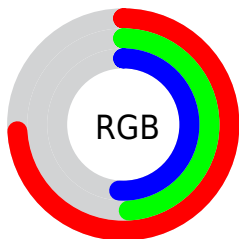
Format	Color
R_{YB}	188, 125, 130
Decimal	12352898
CIE _{Lab}	58.95, 25.16, 7.35
CIE _{LCh}	59, 26.208, 16.286
Yxy	26.9703, 0.3835, 0.3222
Android (android.graphics.Color)	4290542978 (0xFFBC7D82)
YUV	144.4070, -7.1027, 38.2311
Hunter-Lab	51.9329, 19.4543, 8.2283

Details

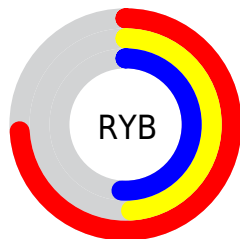
The Yxy color **26.9703, 0.3835, 0.3222** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **43.7441, 0.2689, 0.3362**, and the grayscale version is **28.0818, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8525, 0.3687, 0.3238**, and **10.6128, 0.4094, 0.3178** is the 20% darker color. If you saturate the color by 10%, you get **22.2271, 0.4161, 0.3202**, and if you desaturate by 10%, it is **32.6951, 0.3568, 0.3243**.

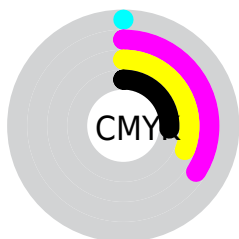
Distribution



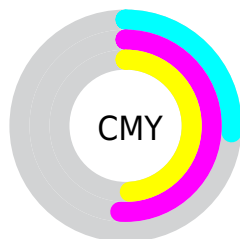
- Red (74%)
- Green (49%)
- Blue (51%)



- Red (74%)
- Yellow (49%)
- Blue (51%)



- Cyan (0%)
- Magenta (34%)
- Yellow (31%)
- Black (26%)




- Cyan (26%)
- Magenta (51%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9703, 0.3835, 0.3222 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 26.9703, 0.3835, 0.3222 by changing the saturation by 10% instead.


 26.9703, 0.3835,
0.3222


 26.9703, 0.3835,
0.3222


287.5133, 0.3446,
0.3266

 17.5509, 0.3945,
0.3207


 54.8362, 0.3684,
0.3241

 10.6281, 0.4096,
0.3183


 74.0515, 0.3631,
0.3247

 5.8173, 0.4313,
0.3146

 97.3009, 0.3586,
0.3252

 2.7343, 0.4651,
0.3079

124.9688, 0.3549,
0.3256

 0.9947, 0.5325,
0.2982

157.4396, 0.3518,
0.3259

 0.0000, 1.0000,
0.0000


195.0977, 0.3490,

 0.0000, 0.0000,


0.3262


0.0000


238.3275, 0.3467,
0.3264


 26.9703, 0.3835,
0.3222

 26.9703, 0.3835,
0.3222


 22.2271, 0.4161,
0.3202


 32.6951, 0.3568,
0.3243


 18.4067, 0.4547,
0.3187


 39.4482, 0.3353,
0.3264


 15.4503, 0.4984,
0.3179


 47.2781, 0.3179,
0.3283

 13.2902, 0.5439,
0.3183

 56.2289, 0.3040,
0.3302


 11.8492, 0.5858,
0.3203


 66.3422, 0.2928,
0.3318

 11.0342, 0.6176,
0.3236

 77.6578, 0.2837,
0.3333

 10.7252, 0.6316,
0.3253

 89.1859, 0.2760,
0.3330

 89.4309, 0.2742,
0.3289

Harmonies

Analogous

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



26.9703, 0.3462, 0.2901



26.9703, 0.3835, 0.3222



26.9703, 0.4004, 0.3576

Triad

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



26.9703, 0.3835, 0.3222



26.9703, 0.3191, 0.4024



26.9703, 0.2382, 0.2657

Complementary

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



26.9703, 0.3835, 0.3222



43.7441, 0.2689, 0.3362

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.



26.9703, 0.2323, 0.2906



26.9703, 0.3835, 0.3222



26.9703, 0.2770, 0.3728

Square

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



26.9703, 0.3835, 0.3222



26.9703, 0.3612, 0.4072



26.9703, 0.2459, 0.3300



26.9703, 0.2625, 0.2582

Rectangle

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



26.9703, 0.3835, 0.3222



26.9703, 0.3973, 0.3796



26.9703, 0.2459, 0.3300



26.9703, 0.2341, 0.2721

Sweetspot

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



26.9716, 0.3835, 0.3222



76.0191, 0.3291, 0.3271



28.3358, 0.3110, 0.2456



15.9328, 0.3316, 0.3268



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.



26.9716, 0.3835, 0.3222



42.5616, 0.4061, 0.3208



34.3862, 0.3778, 0.3654



9.5483, 0.3276, 0.3272



7.3072, 0.6300, 0.3244



0.2905, 0.5944, 0.3048

Inverse Universe

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



26.9716, 0.3835, 0.3222



42.5616, 0.4061, 0.3208



33.7440, 0.2607, 0.2893



9.5483, 0.3276, 0.3272



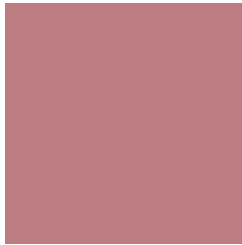
7.3072, 0.6300, 0.3244



0.2905, 0.5944, 0.3048

Previews

White Background



This preview shows how the Yxy color 26.9703, 0.3835, 0.3222 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 26.9703, 0.3835, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

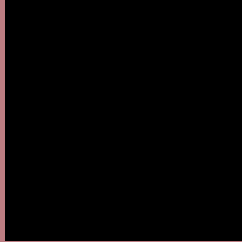
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9703, 0.3835, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 26.9703, 0.3835, 0.3222.



This preview shows how white text looks on a background with the Yxy color 26.9703, 0.3835, 0.3222.

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

26.9703, 0.3835, 0.3222

Protanopia

27.2298, 0.3189, 0.3339

Deuteranopia

27.0269, 0.3497, 0.3432



Tritanopia

26.8279, 0.3789, 0.3152

Trichromacy



Original Color

26.9703, 0.3835, 0.3222

Protanomaly

26.9630, 0.3411, 0.3291

Deuteranomaly

27.0180, 0.3615, 0.3352

Tritanomaly

26.8001, 0.3802, 0.3166

Monochromacy



Original Color

26.9703, 0.3835, 0.3222

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.2290, 0.3364, 0.3260

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9703, 0.3835, 0.3222 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, 125, 130)` looks like.

```
.text, #text, p{  
    color:rgb(188, 125, 130)  
}
```

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, 125, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 125, 130) }
```

Border

The CSS property to change the border of an element to Yxy 26.9703, 0.3835, 0.3222 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, 125, 130) }
```

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

```
.border{ border-color:rgb(188, 125, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 125, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 125, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 125, 130);  
box-shadow:4px 4px 4px 4px rgb(188, 125,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9703, 0.3835, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 125, 130) }
```

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

```
.background{ background-color: rgb(188,  
125, 130) }
```

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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