

Converting Colors

$Yxy(26.8898, 0.3801, 0.3321)$

Have a look what the booklet for
Yxy(26.8898, 0.3801, 0.3321)
contains.

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Color

Yxy(26.8898, 0.3801, 0.3321)

Conversions

Conversions Part 1

Format	Color
Hex	B6807E
RGB	182, 128, 126
RGB Percent	71%, 50%, 49%
CMY	0.2863, 0.4980, 0.5059
CMYK	0.00, 0.30, 0.31, 0.29
HSL	2°, 28%, 60%
HSV	2°, 31%, 71%
XYZ	30.7763, 26.8898, 23.3029
YIQ	143.9180, 32.8260, 10.8260

Conversions

Conversions Part 2

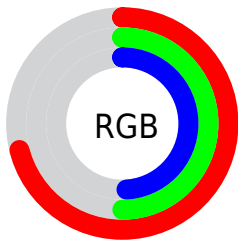
Format	Color
R _Y B	182, 128, 126
Decimal	11960446
CIE Lab	58.87, 20.62, 9.46
CIE LCh	59, 22.685, 24.642
Yxy	26.8898, 0.3801, 0.3321
Android (android.graphics.Color)	4290150526 (0xFFB6807E)
YUV	143.9180, -8.8336, 33.3979
Hunter-Lab	51.8554, 15.1933, 9.6549

Details

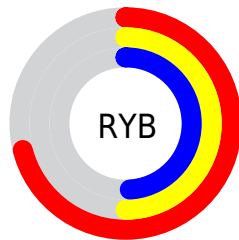
The Yxy color **26.8898, 0.3801, 0.3321** is a dark color, and the websafe version is hex **CC9999**. A complement of this color would be **40.4497, 0.2688, 0.3259**, and the grayscale version is **27.8820, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6531, 0.3653, 0.3314**, and **10.5738, 0.4062, 0.3313** is the 20% darker color. If you saturate the color by 10%, you get **22.2749, 0.4130, 0.3332**, and if you desaturate by 10%, it is **32.3842, 0.3532, 0.3310**.

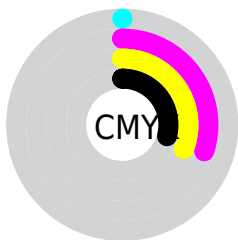
Distribution



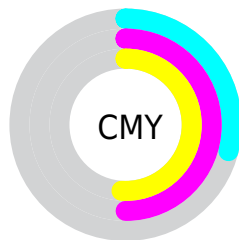
- Red (71%)
- Green (50%)
- Blue (49%)



- Red (71%)
- Yellow (50%)
- Blue (49%)



- Cyan (0%)
- Magenta (30%)
- Yellow (31%)
- Black (29%)





- Cyan (29%)
- Magenta (50%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.8898, 0.3801, 0.3321 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 26.8898, 0.3801, 0.3321 by changing the saturation by 10% instead.


 26.8898, 0.3801,
0.3321


 26.8898, 0.3801,
0.3321


287.1232, 0.3430,
0.3312


 17.4905, 0.3907,
0.3320


 54.7070, 0.3657,
0.3320

 10.5848, 0.4051,
0.3317


 73.8936, 0.3606,
0.3319

 5.7884, 0.4259,
0.3307


 97.1115, 0.3564,
0.3317

 2.7168, 0.4584,
0.3279

124.7450, 0.3528,
0.3316

 0.9858, 0.5326,
0.3306

157.1785, 0.3498,
0.3315

 0.0000, 1.0000,
0.0000


194.7965, 0.3472,


 0.0000, 0.0000,


0.3314


0.0000


237.9832, 0.3450,
0.3313


 26.8898, 0.3801,
0.3321


 26.8898, 0.3801,
0.3321


 22.2749, 0.4130,
0.3332


 32.3842, 0.3532,
0.3310


 18.4902, 0.4522,
0.3341


 38.7963, 0.3314,
0.3300


 15.4876, 0.4967,
0.3347

 46.1667, 0.3139,
0.3291

 13.2125, 0.5433,
0.3348

 54.5326, 0.2998,
0.3282

 11.6031, 0.5865,
0.3342

 63.9290, 0.2884,
0.3274

 10.5874, 0.6191,
0.3329

 74.3894, 0.2791,
0.3267

 10.0876, 0.6374,
0.3321

 85.9457, 0.2714,
0.3261

 88.6854, 0.2711,
0.3289

Harmonies

Analogous

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



26.8898, 0.3520, 0.3023



26.8898, 0.3801, 0.3321



26.8898, 0.3887, 0.3629

Triad

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



26.8898, 0.3801, 0.3321



26.8898, 0.3079, 0.3868



26.8898, 0.2520, 0.2704

Complementary

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



26.8898, 0.3801, 0.3321



40.4497, 0.2688, 0.3259

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.



26.8898, 0.2421, 0.2885



26.8898, 0.3801, 0.3321



26.8898, 0.2730, 0.3571

Square

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



26.8898, 0.3801, 0.3321



26.8898, 0.3456, 0.3976



26.8898, 0.2494, 0.3199



26.8898, 0.2775, 0.2677

Rectangle

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



26.8898, 0.3801, 0.3321



26.8898, 0.3822, 0.3805



26.8898, 0.2494, 0.3199



26.8898, 0.2468, 0.2747

Sweetspot

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



26.8911, 0.3801, 0.3321



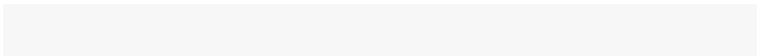
72.3848, 0.3283, 0.3299



28.1652, 0.3182, 0.2560



15.5817, 0.3311, 0.3300



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.



26.8911, 0.3801, 0.3321



42.8525, 0.4020, 0.3328



35.1825, 0.3684, 0.3712



9.0626, 0.3287, 0.3299



7.1446, 0.6369, 0.3325



0.2695, 0.6243, 0.3425

Inverse Universe

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



40.4497, 0.2688, 0.3259



71.3924, 0.2605, 0.3251



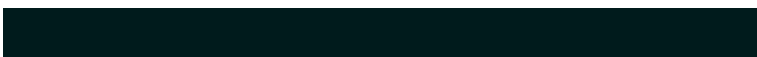
30.3106, 0.2639, 0.2827



10.1537, 0.2985, 0.3281



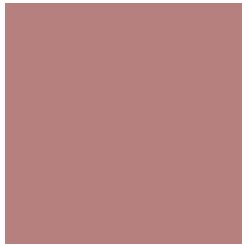
24.1828, 0.2216, 0.3179



0.8698, 0.2225, 0.3209

Previews

White Background



This preview shows how the Yxy color 26.8898, 0.3801, 0.3321 looks on a white background.

Color Contrast Check

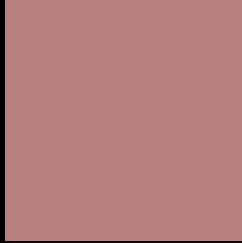
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8898, 0.3801, 0.3321 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

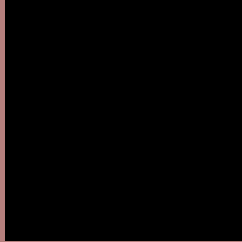
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8898, 0.3801, 0.3321

Background



This preview shows how black text looks on a background with the Yxy color 26.8898, 0.3801, 0.3321.



This preview shows how white text looks on a background with the Yxy color 26.8898, 0.3801, 0.3321.

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

26.8898, 0.3801, 0.3321

Protanopia

26.9463, 0.3274, 0.3421

Deuteranopia

27.0279, 0.3553, 0.3494



Tritanopia

26.7666, 0.3698, 0.3149

Trichromacy



Original Color

26.8898, 0.3801, 0.3321

Protanomaly

26.6936, 0.3466, 0.3385

Deuteranomaly

26.9659, 0.3635, 0.3428

Tritanomaly

26.9120, 0.3743, 0.3220

Monochromacy



Original Color

26.8898, 0.3801, 0.3321

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.2522, 0.3361, 0.3306

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8898, 0.3801, 0.3321 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(182, 128, 126)` looks like.

```
.text, #text, p{  
    color:rgb(182, 128, 126)  
}
```

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(182, 128, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 128, 126) }
```

Border

The CSS property to change the border of an element to Yxy 26.8898, 0.3801, 0.3321 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(182, 128, 126) }
```

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

```
.border{ border-color:rgb(182, 128, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 128, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 128, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 128, 126);  
box-shadow:4px 4px 4px 4px rgb(182, 128,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8898, 0.3801, 0.3321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 128, 126) }
```

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

```
.background{ background-color: rgb(182,  
128, 126) }
```

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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