

Converting Colors

$Y_{xy}(26.8574, 0.3755, 0.3155)$

Have a look what the booklet for
Yxy(26.8574, 0.3755, 0.3155)
contains.

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Color

Yxy(26.8556, 0.3749, 0.3151)

Conversions

Conversions Part 1

Format	Color
Hex	BA7D87
RGB	186, 125, 135
RGB Percent	73%, 49%, 53%
CMY	0.2707, 0.5097, 0.4706
CMYK	0.00, 0.33, 0.27, 0.27
HSL	350°, 31%, 61%
HSV	350°, 33%, 73%
XYZ	31.9523, 26.8556, 26.4209
YIQ	144.3790, 33.1460, 16.0420

Conversions

Conversions Part 2

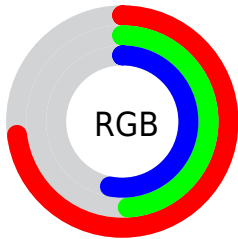
Format	Color
RYB	186, 125, 135
Decimal	12221831
CIELab	58.84, 25.07, 4.29
CIElCh	59, 25.439, 9.707
Yxy	26.8556, 0.3749, 0.3151
Android (android.graphics.Color)	4290411911 (0xFFBA7D87)
YUV	144.3790, -4.6238, 36.5016
Hunter-Lab	51.8224, 19.3691, 6.0475

Details

The Yxy color $26.8556, 0.3749, 0.3151$ is a dark color, and the websafe version is hex `CC9999`. A complement of this color would be $42.6037, 0.2731, 0.3437$, and the grayscale version is $28.0603, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.5263, 0.3617, 0.3183$, and $10.5133, 0.3982, 0.3098$ is the 20% darker color. If you saturate the color by 10%, you get $22.1735, 0.4037, 0.3109$, and if you desaturate by 10%, it is $32.4859, 0.3512, 0.3195$.

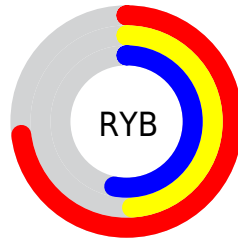
Distribution



Red (73%)

Green (49%)

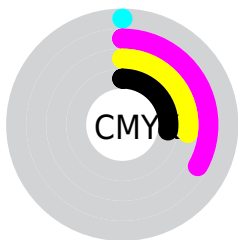
Blue (53%)



Red (73%)

Yellow (49%)

Blue (53%)

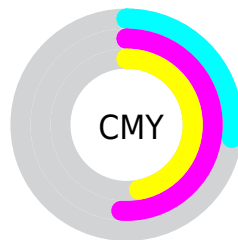


Cyan (0%)

Magenta (33%)

Yellow (27%)

Black (27%)



Cyan (27%)


Magenta (51%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8556, 0.3749, 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 26.8556, 0.3749, 0.3151 by changing the saturation by 10% instead.

 26.8556, 0.3749,
0.3151


 26.8556, 0.3749,
0.3151


286.9573, 0.3408,
0.3231


 17.4648, 0.3846,
0.3127


 54.6521, 0.3617,
0.3183

 10.5664, 0.3978,
0.3093


 73.8265, 0.3570,
0.3194

 5.7761, 0.4168,
0.3041

 97.0310, 0.3531,
0.3203

 2.7094, 0.4466,
0.2957

124.6499, 0.3498,
0.3211

 0.9820, 0.5010,
0.2804

157.0675, 0.3471,
0.3217

 0.0000, 1.0000,
0.0000

194.6684, 0.3447,

 0.0000, 0.0000,

0.3222

0.0000

237.8368, 0.3426,
0.3227

■ 26.8556, 0.3749,
0.3151

■ 26.8556, 0.3749,
0.3151

■ 22.1735, 0.4037,
0.3109

■ 32.4859, 0.3512,
0.3195

■ 18.3837, 0.4381,
0.3073

■ 39.1086, 0.3320,
0.3238

■ 15.4303, 0.4775,
0.3049


■ 46.7697, 0.3165,
0.3279


■ 13.2496, 0.5198,
0.3047


■ 55.5115, 0.3039,
0.3317

■ 11.7686, 0.5613,
0.3072

■ 65.3735, 0.2937,
0.3351

 10.9002, 0.5966,
0.3126

 76.3935, 0.2854,
0.3383

 10.5323, 0.6165,
0.3170

 88.4796, 0.2786,
0.3409

 89.1762, 0.2731,
0.3289

Harmonies

Analogous

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



26.8556, 0.3359, 0.2853



26.8556, 0.3749, 0.3151



26.8556, 0.3964, 0.3495

Triad

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



26.8556, 0.3749, 0.3151



26.8556, 0.3284, 0.4034



26.8556, 0.2373, 0.2713

Complementary

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



26.8556, 0.3749, 0.3151



42.6037, 0.2731, 0.3437

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.



26.8556, 0.2357, 0.2992



26.8556, 0.3749, 0.3151



26.8556, 0.2864, 0.3795

Square

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



26.8556, 0.3749, 0.3151



26.8556, 0.3678, 0.4028



26.8556, 0.2530, 0.3394



26.8556, 0.2573, 0.2602

Rectangle

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



26.8556, 0.3749, 0.3151



26.8556, 0.3971, 0.3717



26.8556, 0.2530, 0.3394



26.8556, 0.2346, 0.2788

Sweetspot

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



26.8569, 0.3749, 0.3151



74.3508, 0.3276, 0.3249



27.4243, 0.3057, 0.2461



15.9597, 0.3300, 0.3243



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.



26.8569, 0.3749, 0.3151



42.6832, 0.3941, 0.3122



32.2712, 0.3782, 0.3576



9.0356, 0.3263, 0.3253



7.0954, 0.6138, 0.3155



0.2576, 0.5505, 0.2806

Inverse Universe

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



26.8569, 0.3749, 0.3151



42.6832, 0.3941, 0.3122



35.0533, 0.2629, 0.2983



9.0356, 0.3263, 0.3253



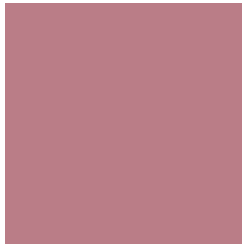
7.0954, 0.6138, 0.3155



0.2576, 0.5505, 0.2806

Previews

White Background



This preview shows how the Yxy color 26.8556, 0.3749, 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 26.8556, 0.3749, 0.3151 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

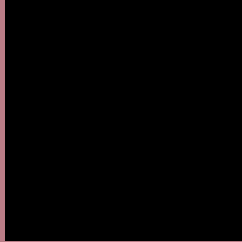
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8556, 0.3749, 0.3151

Background



This preview shows how black text looks on a background with the Yxy color 26.8556, 0.3749, 0.3151.



This preview shows how white text looks on a background with the Yxy color 26.8556, 0.3749, 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

26.8556, 0.3749, 0.3151

Protanopia

26.9927, 0.3129, 0.3241

Deuteranopia

26.9557, 0.3419, 0.3354



Tritanopia

26.8556, 0.3749, 0.3151

Trichromacy



Original Color

26.8556, 0.3749, 0.3151

Protanomaly

26.6220, 0.3335, 0.3197

Deuteranomaly

26.9313, 0.3534, 0.3276

Tritanomaly

26.8556, 0.3749, 0.3151

Monochromacy



Original Color

26.8556, 0.3749, 0.3151

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1853, 0.3331, 0.3228

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8556, 0.3749, 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(186, 125, 135)` looks like.

```
.text, #text, p{  
    color:rgb(186, 125, 135)  
}
```

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(186, 125, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 125, 135) }
```

Border

The CSS property to change the border of an element to Yxy 26.8556, 0.3749, 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(186, 125, 135) }
```

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

```
.border{ border-color:rgb(186, 125, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 125, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 125, 135); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 125, 135); box-shadow:4px 4px 4px 4px rgb(186, 125, 135) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8556, 0.3749, 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(186, 125, 135) }
```

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

```
.background{ background-color: rgb(186,  
125, 135) }
```

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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