

Converting Colors

$Y_{xy}(26.8229, 0.3578, 0.2915)$

Have a look what the booklet for
Yxy(26.8229, 0.3578, 0.2915)
contains.

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Color

Yxy(26.8070, 0.3572, 0.2916)

Conversions

Conversions Part 1

Format	Color
Hex	BA7B96
RGB	186, 123, 150
RGB Percent	73%, 48%, 59%
CMY	0.2705, 0.5176, 0.4119
CMYK	0.00, 0.34, 0.19, 0.27
HSL	334°, 31%, 61%
HSV	334°, 34%, 73%
XYZ	32.8377, 26.8070, 32.2861
YIQ	144.9150, 28.8810, 21.7530

Conversions

Conversions Part 2

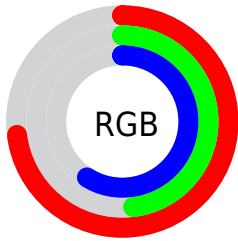
Format	Color
R_{YB}	186, 123, 150
Decimal	12221334
CIE _{Lab}	58.80, 28.45, -4.41
CIE _{LCh}	59, 28.791, 351.190
Yxy	26.8070, 0.3572, 0.2916
Android (android.graphics.Color)	4290411414 (0xFFBA7B96)
YUV	144.9150, 2.5069, 36.0315
Hunter-Lab	51.7755, 22.6033, -0.7291

Details

The Yxy color **26.8070, 0.3572, 0.2916** is a light color, and the websafe version is hex **996699**. A complement of this color would be **41.8379, 0.2830, 0.3701**, and the grayscale version is **28.2602, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.4650, 0.3480, 0.2990**, and **10.5715, 0.3741, 0.2795** is the 20% darker color. If you saturate the color by 10%, you get **22.2961, 0.3764, 0.2804**, and if you desaturate by 10%, it is **32.2284, 0.3410, 0.3031**.

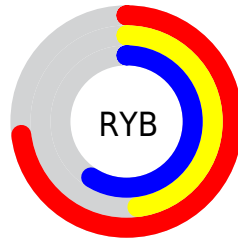
Distribution



Red (73%)

Green (48%)

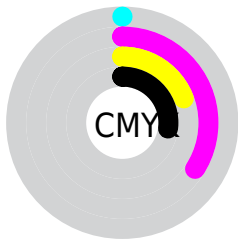
Blue (59%)



Red (73%)

Yellow (48%)

Blue (59%)

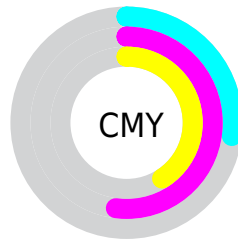


Cyan (0%)

Magenta (34%)

Yellow (19%)

Black (27%)



Cyan (27%)


Magenta (52%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8070, 0.3572, 0.2916 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 26.8070, 0.3572, 0.2916 by changing the saturation by 10% instead.


 26.8070, 0.3572,
0.2916


 26.8070, 0.3572,
0.2916

286.7214, 0.3332,
0.3116


 17.4283, 0.3639,
0.2862


 54.5740, 0.3480,
0.2992

 10.5403, 0.3729,
0.2789


 73.7311, 0.3447,
0.3019

 5.7587, 0.3857,
0.2687


 96.9165, 0.3419,
0.3042

 2.6989, 0.4054,
0.2533

124.5146, 0.3396,
0.3061

 0.9766, 0.4394,
0.2277

156.9097, 0.3377,
0.3078

 0.0000, 0.7769,
0.0000

194.4863, 0.3360,

 0.0000, 0.0000,

0.3092

0.0000

237.6288, 0.3345,
0.3105

■ 26.8070, 0.3572,
0.2916

■ 26.8070, 0.3572,
0.2916

■ 22.2961, 0.3764,
0.2804

■ 32.2284, 0.3410,
0.3031

■ 18.6411, 0.3989,
0.2703

■ 38.6031, 0.3276,
0.3143

■ 15.7879, 0.4244,
0.2623


■ 45.9758, 0.3165,
0.3250


■ 13.6740, 0.4523,
0.2576


■ 54.3874, 0.3073,
0.3351

■ 12.2278, 0.4813,
0.2574

■ 63.8762, 0.2998,
0.3444

 11.3631, 0.5096,
0.2625

 74.4788, 0.2936,
0.3529

 11.0140, 0.5264,
0.2673

 86.2299, 0.2885,
0.3607

 87.9634, 0.2831,
0.3506

 88.5972, 0.2777,
0.3389

Harmonies

Analogous

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



26.8070, 0.3080, 0.2648



26.8070, 0.3572, 0.2916



26.8070, 0.3956, 0.3274

Triad

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



26.8070, 0.3572, 0.2916



26.8070, 0.3586, 0.4163



26.8070, 0.2245, 0.2808

Complementary

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



26.8070, 0.3572, 0.2916



41.8379, 0.2830, 0.3701

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.



26.8070, 0.2357, 0.3219



26.8070, 0.3572, 0.2916



26.8070, 0.3114, 0.4068

Square

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



26.8070, 0.3572, 0.2916



26.8070, 0.3951, 0.3991



26.8070, 0.2667, 0.3702



26.8070, 0.2343, 0.2569

Rectangle

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



26.8070, 0.3572, 0.2916



26.8070, 0.4081, 0.3532



26.8070, 0.2667, 0.3702



26.8070, 0.2259, 0.2929

Sweetspot

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



26.8082, 0.3572, 0.2916



74.7007, 0.3232, 0.3184



25.0533, 0.2876, 0.2387



16.0462, 0.3248, 0.3168



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.



26.8082, 0.3572, 0.2916



42.0662, 0.3719, 0.2828



27.1019, 0.3889, 0.3352



9.0743, 0.3223, 0.3193



7.4234, 0.5231, 0.2656



0.2741, 0.4582, 0.2298

Inverse Universe

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



26.8082, 0.3572, 0.2916



42.0662, 0.3719, 0.2828



41.1348, 0.2645, 0.3227



9.0743, 0.3223, 0.3193



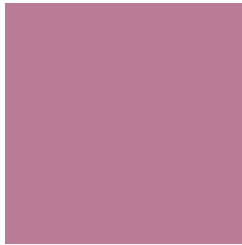
7.4234, 0.5231, 0.2656



0.2741, 0.4582, 0.2298

Previews

White Background



This preview shows how the Yxy color 26.8070, 0.3572, 0.2916 looks on a white background.

Color Contrast Check

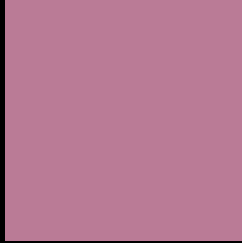
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8070, 0.3572, 0.2916 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

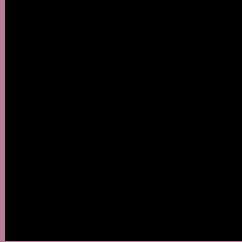
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8070, 0.3572, 0.2916

Background



This preview shows how black text looks on a background with the Yxy color 26.8070, 0.3572, 0.2916.



This preview shows how white text looks on a background with the Yxy color 26.8070, 0.3572, 0.2916.

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

26.8070, 0.3572, 0.2916

Protanopia

27.1119, 0.2915, 0.2971

Deuteranopia

27.0558, 0.3200, 0.3149



Tritanopia

26.8613, 0.3722, 0.3164

Trichromacy



Original Color

26.8070, 0.3572, 0.2916

Protanomaly

26.5524, 0.3133, 0.2937

Deuteranomaly

26.9125, 0.3330, 0.3064

Tritanomaly

26.8750, 0.3676, 0.3080

Monochromacy



Original Color

26.8070, 0.3572, 0.2916

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.4715, 0.3278, 0.3137

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8070, 0.3572, 0.2916 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, 123, 150)` looks like.

```
.text, #text, p{  
    color:rgb(186, 123, 150)  
}
```

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, 123, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 123, 150) }
```

Border

The CSS property to change the border of an element to Yxy 26.8070, 0.3572, 0.2916 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, 123, 150) }
```

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

```
.border{ border-color:rgb(186, 123, 150) }
```

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

Here you see how a box with a 4 pixel rgb(186, 123, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 123, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 123, 150);  
box-shadow:4px 4px 4px 4px rgb(186, 123,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8070, 0.3572, 0.2916 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 123, 150) }
```

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

```
.background{ background-color: rgb(186,  
123, 150) }
```

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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