

Converting Colors

$Y_{xy}(26.1444, 0.3584, 0.2908)$

Have a look what the booklet for
Yxy(26.1444, 0.3584, 0.2908)
contains.

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Color

Yxy(26.1272, 0.3589, 0.2913)

Conversions

Conversions Part 1

Format	Color
Hex	B97994
RGB	185, 121, 148
RGB Percent	73%, 47%, 58%
CMY	0.2745, 0.5255, 0.4195
CMYK	0.00, 0.35, 0.20, 0.27
HSL	335°, 31%, 60%
HSV	335°, 35%, 73%
XYZ	32.1904, 26.1272, 31.3742
YIQ	143.2140, 29.4770, 21.9650

Conversions

Conversions Part 2

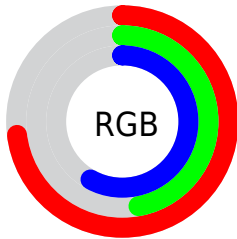
Format	Color
RYB	185, 121, 148
Decimal	12155284
CIELab	58.16, 28.88, -4.24
CIELCh	58, 29.189, 351.645
Yxy	26.1272, 0.3589, 0.2913
Android (android.graphics.Color)	4290345364 (0xFFB97994)
YUV	143.2140, 2.3595, 36.6463
Hunter-Lab	51.1148, 22.9624, -0.6118

Details

The Yxy color **26.1272, 0.3589, 0.2913** is a light color, and the websafe version is hex **996699**. A complement of this color would be **41.2275, 0.2822, 0.3705**, and the grayscale version is **27.5408, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4136, 0.3492, 0.2989**, and **10.1948, 0.3771, 0.2792** is the 20% darker color. If you saturate the color by 10%, you get **21.7318, 0.3786, 0.2803**, and if you desaturate by 10%, it is **31.4184, 0.3424, 0.3026**.

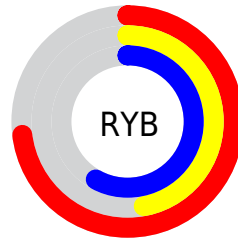
Distribution



Red (73%)

Green (47%)

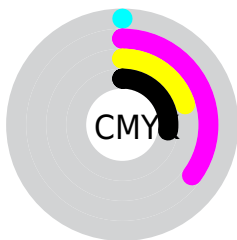
Blue (58%)



Red (73%)

Yellow (47%)

Blue (58%)

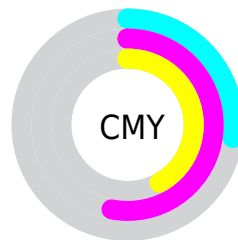


Cyan (0%)

Magenta (35%)

Yellow (20%)

Black (27%)



Cyan (27%)


Magenta (53%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1272, 0.3589, 0.2913 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 26.1272, 0.3589, 0.2913 by changing the saturation by 10% instead.


 26.1272, 0.3589,
0.2913


 26.1272, 0.3589,
0.2913


283.4059, 0.3338,
0.3115


 16.9188, 0.3659,
0.2858


 53.4801, 0.3493,
0.2990

 10.1766, 0.3754,
0.2783


 72.3934, 0.3458,
0.3018

 5.5162, 0.3890,
0.2679


 95.3104, 0.3430,
0.3041

 2.5532, 0.4099,
0.2520

122.6156, 0.3406,
0.3060

 0.9032, 0.4464,
0.2254

154.6934, 0.3385,
0.3077

 0.0000, 0.8729,
0.0000

191.9281, 0.3367,

 0.0000, 0.0000,

0.3091

0.0000

234.7042, 0.3352,
0.3104

■ 26.1272, 0.3589,
0.2913

■ 26.1272, 0.3589,
0.2913

■ 21.7318, 0.3786,
0.2803

■ 31.4184, 0.3424,
0.3026

■ 18.1784, 0.4015,
0.2705

■ 37.6481, 0.3286,
0.3137

■ 15.4126, 0.4275,
0.2628


■ 44.8606, 0.3172,
0.3243


■ 13.3727, 0.4559,
0.2585


■ 53.0964, 0.3079,
0.3343


■ 11.9870, 0.4853,
0.2588

■ 62.3935, 0.3002,
0.3435

 11.1692, 0.5138,
0.2643

 72.7881, 0.2939,
0.3520

 10.8651, 0.5287,
0.2686

 84.3147, 0.2886,
0.3598

 87.7464, 0.2833,
0.3524

 88.3777, 0.2779,
0.3405

Harmonies

Analogous

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



26.1272, 0.3086, 0.2639



26.1272, 0.3589, 0.2913



26.1272, 0.3979, 0.3279

Triad

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



26.1272, 0.3589, 0.2913



26.1272, 0.3588, 0.4184



26.1272, 0.2227, 0.2791

Complementary

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



26.1272, 0.3589, 0.2913



41.2275, 0.2822, 0.3705

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.



26.1272, 0.2338, 0.3209



26.1272, 0.3589, 0.2913



26.1272, 0.3105, 0.4083

Square

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



26.1272, 0.3589, 0.2913



26.1272, 0.3965, 0.4010



26.1272, 0.2650, 0.3704



26.1272, 0.2330, 0.2552

Rectangle

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



26.1272, 0.3589, 0.2913



26.1272, 0.4104, 0.3542



26.1272, 0.2650, 0.3704



26.1272, 0.2240, 0.2914

Sweetspot

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



26.1284, 0.3589, 0.2913



72.9292, 0.3233, 0.3185



24.3734, 0.2870, 0.2367



15.3408, 0.3249, 0.3170



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.



26.1284, 0.3589, 0.2913



40.3040, 0.3746, 0.2824



26.4300, 0.3911, 0.3353



9.0735, 0.3224, 0.3194



7.4128, 0.5255, 0.2669



0.2737, 0.4599, 0.2307

Inverse Universe

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



26.1284, 0.3589, 0.2913



40.3040, 0.3746, 0.2824



40.5043, 0.2637, 0.3225



9.0735, 0.3224, 0.3194



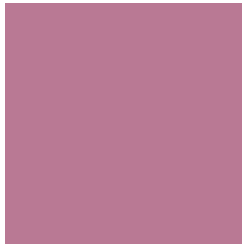
7.4128, 0.5255, 0.2669



0.2737, 0.4599, 0.2307

Previews

White Background



This preview shows how the Yxy color 26.1272, 0.3589, 0.2913 looks on a white background.

Color Contrast Check

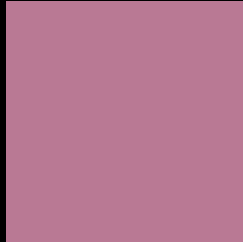
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1272, 0.3589, 0.2913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

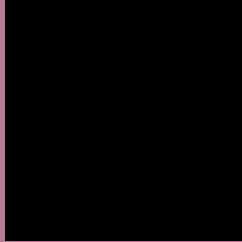
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1272, 0.3589, 0.2913

Background



This preview shows how black text looks on a background with the Yxy color 26.1272, 0.3589, 0.2913.



This preview shows how white text looks on a background with the Yxy color 26.1272, 0.3589, 0.2913.

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

26.1272, 0.3589, 0.2913

Protanopia

26.2868, 0.2912, 0.2967

Deuteranopia

26.2320, 0.3200, 0.3147



Tritanopia

26.1760, 0.3742, 0.3163

Trichromacy



Original Color

26.1272, 0.3589, 0.2913

Protanomaly

25.7391, 0.3133, 0.2933

Deuteranomaly

26.0945, 0.3333, 0.3061

Tritanomaly

26.1912, 0.3695, 0.3079

Monochromacy



Original Color

26.1272, 0.3589, 0.2913

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.6414, 0.3280, 0.3135

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1272, 0.3589, 0.2913 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(185, 121, 148)` looks like.

```
.text, #text, p{  
    color:rgb(185, 121, 148)  
}
```

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(185, 121, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 121, 148) }
```

Border

The CSS property to change the border of an element to Yxy 26.1272, 0.3589, 0.2913 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(185, 121, 148) }
```

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

```
.border{ border-color:rgb(185, 121, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 121, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 121, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 121, 148);  
box-shadow:4px 4px 4px 4px rgb(185, 121,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1272, 0.3589, 0.2913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 121, 148) }
```

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

```
.background{ background-color: rgb(185,  
121, 148) }
```

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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