

Converting Colors

$Y_{xy}(26.0562, 0.3271, 0.2658)$

Have a look what the booklet for
Yxy(26.0562, 0.3271, 0.2658)
contains.

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Color

Yxy(26.0562, 0.3271, 0.2658)

Conversions

Conversions Part 1

Format	Color
Hex	B17AA7
RGB	177, 122, 167
RGB Percent	69%, 48%, 65%
CMY	0.3059, 0.5215, 0.3450
CMYK	0.00, 0.31, 0.06, 0.31
HSL	311°, 26%, 59%
HSV	311°, 31%, 69%
XYZ	32.0654, 26.0562, 39.9077
YIQ	143.5750, 18.3350, 25.6550

Conversions

Conversions Part 2

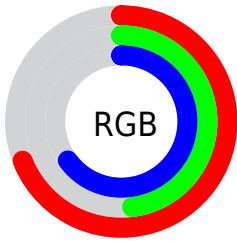
Format	Color
RYB	177, 122, 167
Decimal	11631271
CIELab	58.09, 28.72, -15.39
CIElCh	58, 32.580, 331.816
Yxy	26.0562, 0.3271, 0.2658
Android (android.graphics.Color)	4289821351 (0xFFB17AA7)
YUV	143.5750, 11.5485, 29.3137
Hunter-Lab	51.0453, 22.8001, -10.6219

Details

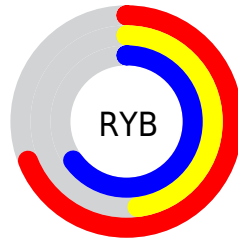
The Yxy color **26.0562, 0.3271, 0.2658** is a light color, and the websafe version is hex **996699**. A complement of this color would be **37.2432, 0.3011, 0.4018**, and the grayscale version is **27.6583, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.2575, 0.3244, 0.2781**, and **10.0835, 0.3303, 0.2453** is the 20% darker color. If you saturate the color by 10%, you get **21.9821, 0.3330, 0.2457**, and if you desaturate by 10%, it is **30.9271, 0.3218, 0.2865**.

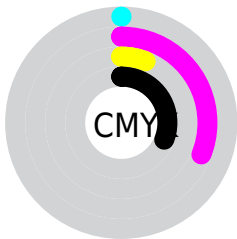
Distribution



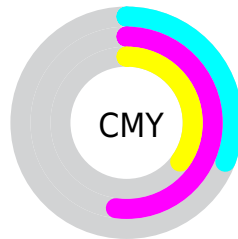
- Red (69%)
- Green (48%)
- Blue (65%)



- Red (69%)
- Yellow (48%)
- Blue (65%)



- Cyan (0%)
- Magenta (31%)
- Yellow (6%)
- Black (31%)





- Cyan (31%)
- Magenta (52%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.0562, 0.3271, 0.2658 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 26.0562, 0.3271, 0.2658 by changing the saturation by 10% instead.


 26.0562, 0.3271,
0.2658


 26.0562, 0.3271,
0.2658


283.0579, 0.3200,
0.2987


 16.8657, 0.3288,
0.2572


 53.3656, 0.3245,
0.2781

 10.1388, 0.3310,
0.2458


 72.2533, 0.3236,
0.2826

 5.4911, 0.3338,
0.2303


 95.1421, 0.3227,
0.2864

 2.5382, 0.3375,
0.2079

122.4165, 0.3220,
0.2896

 0.8957, 0.3421,
0.1730

154.4609, 0.3214,
0.2924

 0.0000, 0.3716,
0.0000

191.6597, 0.3209,

 0.0000, 0.0000,

0.2948

0.0000

234.3972, 0.3204,
0.2969

■ 26.0562, 0.3271,
0.2658

■ 26.0562, 0.3271,
0.2658

■ 21.9821, 0.3330,
0.2457

■ 30.9271, 0.3218,
0.2865

■ 18.6583, 0.3393,
0.2269

■ 36.6311, 0.3172,
0.3070

■ 16.0388, 0.3461,
0.2105

■ 43.2064, 0.3131,
0.3269

■ 14.0712, 0.3531,
0.1974

■ 50.6879, 0.3096,
0.3458

■ 12.6957, 0.3601,
0.1883

■ 59.1086, 0.3066,
0.3636

■ 11.8416, 0.3668,
0.1838

■ 68.4998, 0.3041,
0.3800

■ 11.3870, 0.3727,
0.1827

■ 78.8912, 0.3020,
0.3951

■ 84.7023, 0.3002,
0.4006

■ 84.8468, 0.2985,
0.3967

Harmonies

Analogous

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



26.0562, 0.2730, 0.2455



26.0562, 0.3271, 0.2658



26.0562, 0.3814, 0.2999

Triad

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



26.0562, 0.3271, 0.2658



26.0562, 0.3936, 0.4181



26.0562, 0.2185, 0.3018

Complementary

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



26.0562, 0.3271, 0.2658



37.2432, 0.3011, 0.4018

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.



26.0562, 0.2455, 0.3567



26.0562, 0.3271, 0.2658



26.0562, 0.3458, 0.4295

Square

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



26.0562, 0.3271, 0.2658



26.0562, 0.4207, 0.3843



26.0562, 0.2916, 0.4070



26.0562, 0.2145, 0.2618

Rectangle

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



26.0562, 0.3271, 0.2658



26.0562, 0.4082, 0.3274



26.0562, 0.2916, 0.4070



26.0562, 0.2250, 0.3191

Sweetspot

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



26.0574, 0.3271, 0.2658



67.7428, 0.3163, 0.3109



21.9336, 0.2675, 0.2417



14.3359, 0.3170, 0.3080



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.0574, 0.3271, 0.2658



41.7249, 0.3309, 0.2525



25.1699, 0.3586, 0.3024



8.6198, 0.3164, 0.3106



8.2596, 0.3720, 0.1823



0.2668, 0.3555, 0.1732

Inverse Universe

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



26.0574, 0.3271, 0.2658



41.7249, 0.3309, 0.2525



38.0694, 0.2816, 0.3576



8.6198, 0.3164, 0.3106



8.2596, 0.3720, 0.1823



0.2668, 0.3555, 0.1732

Previews

White Background



This preview shows how the Yxy color 26.0562, 0.3271, 0.2658 looks on a white background.

Color Contrast Check

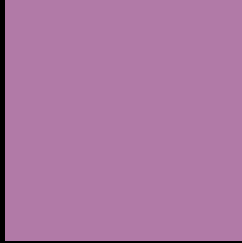
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.0562, 0.3271, 0.2658 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

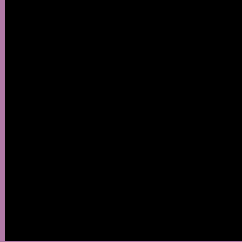
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.0562, 0.3271, 0.2658

Background



This preview shows how black text looks on a background with the Yxy color 26.0562, 0.3271, 0.2658.



This preview shows how white text looks on a background with the Yxy color 26.0562, 0.3271, 0.2658.

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

26.0562, 0.3271, 0.2658

Protanopia

26.1371, 0.2680, 0.2660

Deuteranopia

26.3224, 0.2916, 0.2864



Tritanopia

26.1287, 0.3561, 0.3157

Trichromacy



Original Color

26.0562, 0.3271, 0.2658

Protanomaly

25.7616, 0.2872, 0.2650

Deuteranomaly

26.1877, 0.3042, 0.2789

Tritanomaly

26.0585, 0.3448, 0.2969

Monochromacy



Original Color

26.0562, 0.3271, 0.2658

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

26.9432, 0.3183, 0.3043

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.0562, 0.3271, 0.2658 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(177, 122, 167)` looks like.

```
.text, #text, p{  
    color:rgb(177, 122, 167)  
}
```

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(177, 122, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 122, 167) }
```

Border

The CSS property to change the border of an element to Yxy 26.0562, 0.3271, 0.2658 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(177, 122, 167) }
```

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

```
.border{ border-color:rgb(177, 122, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 122, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(177, 122, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(177, 122, 167); box-shadow:4px 4px 4px 4px rgb(177, 122, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 26.0562, 0.3271, 0.2658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 122, 167) }
```

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

```
.background{ background-color: rgb(177,  
122, 167) }
```

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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