

Converting Colors

$Y_{xy}(26.2202, 0.3257, 0.2598)$

Have a look what the booklet for
Yxy(26.2202, 0.3257, 0.2598)
contains.

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Color

Yxy(26.1987, 0.3251, 0.2598)

Conversions

Conversions Part 1

Format	Color
Hex	B379AB
RGB	179, 121, 171
RGB Percent	70%, 47%, 67%
CMY	0.2979, 0.5255, 0.3294
CMYK	0.00, 0.32, 0.04, 0.30
HSL	308°, 28%, 59%
HSV	308°, 32%, 70%
XYZ	32.7837, 26.1987, 41.8594
YIQ	144.0420, 18.5180, 27.8460

Conversions

Conversions Part 2

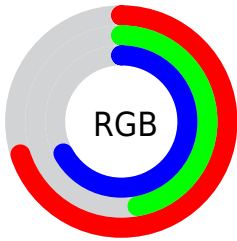
Format	Color
R_{YB}	179, 121, 171
Decimal	11762091
CIE _{Lab}	58.23, 30.72, -17.45
CIE _{LCh}	58, 35.327, 330.397
Yxy	26.1987, 0.3251, 0.2598
Android (android.graphics.Color)	4289952171 (0xFFB379AB)
YUV	144.0420, 13.2903, 30.6582
Hunter-Lab	51.1847, 24.7557, -12.6588

Details

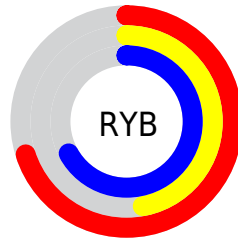
The Yxy color **26.1987, 0.3251, 0.2598** is a light color, and the websafe version is hex **996699**. A complement of this color would be **37.9015, 0.3024, 0.4098**, and the grayscale version is **27.8484, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.5960, 0.3237, 0.2734**, and **10.1984, 0.3271, 0.2376** is the 20% darker color. If you saturate the color by 10%, you get **22.1519, 0.3298, 0.2390**, and if you desaturate by 10%, it is **31.0571, 0.3208, 0.2814**.

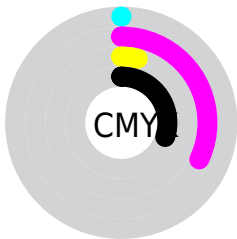
Distribution



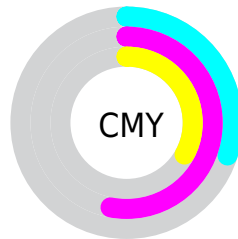
- Red (70%)
- Green (47%)
- Blue (67%)



- Red (70%)
- Yellow (47%)
- Blue (67%)



- Cyan (0%)
- Magenta (32%)
- Yellow (4%)
- Black (30%)





- Cyan (30%)
- Magenta (53%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.1987, 0.3251, 0.2598 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 26.1987, 0.3251, 0.2598 by changing the saturation by 10% instead.

 26.1987, 0.3251,
0.2598


 26.1987, 0.3251,
0.2598

283.7561, 0.3192,
0.2956


 16.9723, 0.3264,
0.2505


 53.5953, 0.3230,
0.2731

 10.2148, 0.3281,
0.2383


 72.5344, 0.3222,
0.2780

 5.5416, 0.3300,
0.2218


 95.4798, 0.3215,
0.2821

 2.5684, 0.3323,
0.1982

122.8160, 0.3210,
0.2856

 0.9108, 0.3343,
0.1622

154.9273, 0.3204,
0.2887

 0.0000, 0.3587,
0.0000

192.1982, 0.3200,

 0.0000, 0.0000,

0.2913

0.0000

235.0130, 0.3196,
0.2936

■ 26.1987, 0.3251,
0.2598

■ 26.1987, 0.3251,
0.2598

■ 22.1519, 0.3298,
0.2390

■ 31.0571, 0.3208,
0.2814

■ 18.8684, 0.3349,
0.2198

■ 36.7648, 0.3169,
0.3030

■ 16.3002, 0.3401,
0.2032


■ 43.3615, 0.3135,
0.3240

■ 14.3925, 0.3454,
0.1901

■ 50.8834, 0.3105,
0.3441

■ 13.0825, 0.3506,
0.1811

■ 59.3645, 0.3079,
0.3630

 12.2955, 0.3555,
0.1765

 68.8373, 0.3057,
0.3806

 11.9296, 0.3591,
0.1752

 79.3326, 0.3039,
0.3967

 84.8602, 0.3024,
0.4026

 84.9700, 0.3011,
0.3996

Harmonies

Analogous

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



26.1987, 0.2673, 0.2389



26.1987, 0.3251, 0.2598



26.1987, 0.3846, 0.2955

Triad

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



26.1987, 0.3251, 0.2598



26.1987, 0.4016, 0.4235



26.1987, 0.2123, 0.3016

Complementary

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



26.1987, 0.3251, 0.2598



37.9015, 0.3024, 0.4098

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.



26.1987, 0.2421, 0.3618



26.1987, 0.3251, 0.2598



26.1987, 0.3506, 0.4383

Square

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



26.1987, 0.3251, 0.2598



26.1987, 0.4299, 0.3857



26.1987, 0.2921, 0.4161



26.1987, 0.2071, 0.2578

Rectangle

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



26.1987, 0.3251, 0.2598



26.1987, 0.4145, 0.3246



26.1987, 0.2921, 0.4161



26.1987, 0.2196, 0.3206

Sweetspot

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



26.1999, 0.3251, 0.2598



68.3374, 0.3161, 0.3078



21.5739, 0.2632, 0.2368



14.7938, 0.3166, 0.3048



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.1999, 0.3251, 0.2598



41.5196, 0.3285, 0.2446



25.2205, 0.3589, 0.2984



8.6261, 0.3158, 0.3096



8.4341, 0.3586, 0.1749



0.2709, 0.3466, 0.1683

Inverse Universe

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



26.1999, 0.3251, 0.2598



41.5196, 0.3285, 0.2446



38.7761, 0.2817, 0.3622



8.6261, 0.3158, 0.3096



8.4341, 0.3586, 0.1749



0.2709, 0.3466, 0.1683

Previews

White Background



This preview shows how the Yxy color 26.1987, 0.3251, 0.2598 looks on a white background.

Color Contrast Check

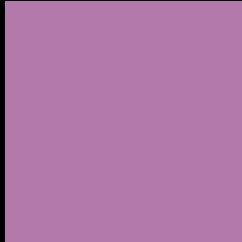
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1987, 0.3251, 0.2598 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

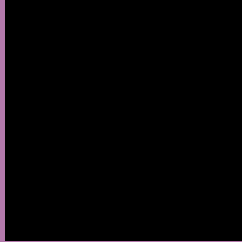
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.1987, 0.3251, 0.2598

Background



This preview shows how black text looks on a background with the Yxy color 26.1987, 0.3251, 0.2598.



This preview shows how white text looks on a background with the Yxy color 26.1987, 0.3251, 0.2598.

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

26.1987, 0.3251, 0.2598

Protanopia

26.5151, 0.2617, 0.2591

Deuteranopia

26.2939, 0.2859, 0.2802



Tritanopia

26.0988, 0.3588, 0.3144

Trichromacy



Original Color

26.1987, 0.3251, 0.2598

Protanomaly

25.9602, 0.2827, 0.2582

Deuteranomaly

25.9672, 0.2992, 0.2716

Tritanomaly

26.0673, 0.3462, 0.2943

Monochromacy



Original Color

26.1987, 0.3251, 0.2598

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.1095, 0.3173, 0.3014

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1987, 0.3251, 0.2598 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(179, 121, 171)` looks like.

```
.text, #text, p{  
    color:rgb(179, 121, 171)  
}
```

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(179, 121, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 121, 171) }
```

Border

The CSS property to change the border of an element to Yxy 26.1987, 0.3251, 0.2598 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(179, 121, 171) }
```

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

```
.border{ border-color:rgb(179, 121, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 121, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 121, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 121, 171);  
box-shadow:4px 4px 4px 4px rgb(179, 121,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1987, 0.3251, 0.2598 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 121, 171) }
```

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

```
.background{ background-color: rgb(179,  
121, 171) }
```

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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