

Converting Colors

$Y_{xy}(26.1441, 0.2997, 0.2591)$

Have a look what the booklet for
Yxy(26.1441, 0.2997, 0.2591)
contains.

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Color

Yxy(26.1500, 0.2997, 0.2591)

Conversions

Conversions Part 1

Format	Color
Hex	A180B0
RGB	161, 128, 176
RGB Percent	63%, 50%, 69%
CMY	0.3688, 0.4980, 0.3098
CMYK	0.09, 0.27, 0.00, 0.31
HSL	281°, 23%, 60%
HSV	281°, 27%, 69%
XYZ	30.2476, 26.1500, 44.5287
YIQ	143.3390, 4.2600, 21.9240

Conversions

Conversions Part 2

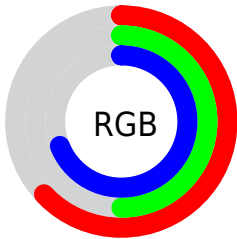
Format	Color
R_{YB}	161, 128, 176
Decimal	10584240
CIE _{Lab}	58.18, 21.63, -20.56
CIE _{LCh}	58, 29.840, 316.454
Yxy	26.1500, 0.2997, 0.2591
Android (android.graphics.Color)	4288774320 (0xFFA180B0)
YUV	143.3390, 16.1019, 15.4887
Hunter-Lab	51.1371, 16.0930, -15.8321

Details

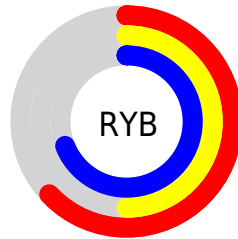
The Yxy color $26.1500, 0.2997, 0.2591$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $38.4561, 0.3223, 0.4029$, and the grayscale version is $27.5434, 0.3127, 0.3290$.

A 20% lighter version of the original color is $53.4729, 0.3025, 0.2722$, and $10.1300, 0.2948, 0.2369$ is the 20% darker color. If you saturate the color by 10%, you get $21.3897, 0.2934, 0.2319$, and if you desaturate by 10%, it is $31.7342, 0.3052, 0.2858$.

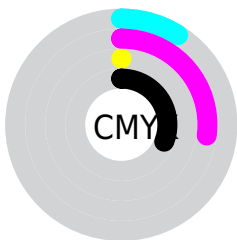
Distribution



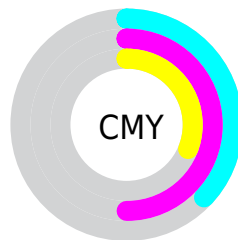
- Red (63%)
- Green (50%)
- Blue (69%)



- Red (63%)
- Yellow (50%)
- Blue (69%)



- Cyan (9%)
- Magenta (27%)
- Yellow (0%)
- Black (31%)





- Cyan (37%)
- Magenta (50%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.1500, 0.2997, 0.2591 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 26.1500, 0.2997, 0.2591 by changing the saturation by 10% instead.


 26.1500, 0.2997,
0.2591


 26.1500, 0.2997,
0.2591


283.5176, 0.3074,
0.2955


 16.9359, 0.2973,
0.2496


 53.5168, 0.3028,
0.2727

 10.1888, 0.2940,
0.2371


 72.4383, 0.3039,
0.2777

 5.5243, 0.2890,
0.2202


 95.3645, 0.3048,
0.2818

 2.5581, 0.2808,
0.1959

122.6795, 0.3055,
0.2854

 0.9056, 0.2657,
0.1588

154.7680, 0.3061,
0.2885

 0.0000, 0.2133,
0.0000

192.0143, 0.3066,

 0.0000, 0.0000,

0.2911

0.0000

234.8027, 0.3070,
0.2934

■ 26.1500, 0.2997,
0.2591

■ 26.1500, 0.2997,
0.2591

■ 21.3897, 0.2934,
0.2319

■ 31.7342, 0.3052,
0.2858

■ 17.4086, 0.2863,
0.2051

■ 38.1775, 0.3098,
0.3114

■ 14.1626, 0.2786,
0.1798

■ 45.5170, 0.3137,
0.3354

■ 11.6020, 0.2704,
0.1572

■ 53.7866, 0.3169,
0.3576

■ 9.6704, 0.2619,
0.1382

■ 63.0184, 0.3195,
0.3780

■ 8.3025, 0.2535,
0.1237

■ 73.2431, 0.3216,
0.3965

■ 7.4015, 0.2455,
0.1138

■ 84.4898, 0.3233,
0.4132

■ 7.1871, 0.2433,
0.1114

■ 87.6483, 0.3264,
0.4158

■ 88.4474, 0.3299,
0.4148

Harmonies

Analogous

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



26.1500, 0.2555, 0.2485



26.1500, 0.2997, 0.2591



26.1500, 0.3513, 0.2848

Triad

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



26.1500, 0.2997, 0.2591



26.1500, 0.4029, 0.3972



26.1500, 0.2362, 0.3293

Complementary

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



26.1500, 0.2997, 0.2591



38.4561, 0.3223, 0.4029

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.



26.1500, 0.2712, 0.3796



26.1500, 0.2997, 0.2591



26.1500, 0.3675, 0.4191

Square

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



26.1500, 0.2997, 0.2591



26.1500, 0.4136, 0.3610



26.1500, 0.3191, 0.4143



26.1500, 0.2213, 0.2842

Rectangle

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



26.1500, 0.2997, 0.2591



26.1500, 0.3821, 0.3081



26.1500, 0.3191, 0.4143



26.1500, 0.2459, 0.3464

Sweetspot

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



26.1511, 0.2997, 0.2591



68.1497, 0.3094, 0.3092



27.4348, 0.2686, 0.2771



14.3768, 0.3088, 0.3055



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.



26.1511, 0.2997, 0.2591



41.8059, 0.2958, 0.2419



27.4716, 0.3251, 0.2738



8.5105, 0.3089, 0.3062



5.3053, 0.2441, 0.1118



0.1963, 0.2664, 0.1241

Inverse Universe

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



26.6590, 0.3524, 0.3072



42.9687, 0.3651, 0.3018



37.4434, 0.3024, 0.3914



8.5477, 0.3239, 0.3219



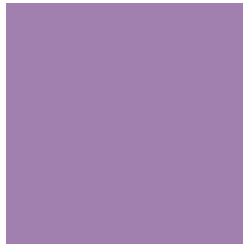
6.9854, 0.5678, 0.2901



0.2306, 0.4875, 0.2459

Previews

White Background



This preview shows how the Yxy color 26.1500, 0.2997, 0.2591 looks on a white background.

Color Contrast Check

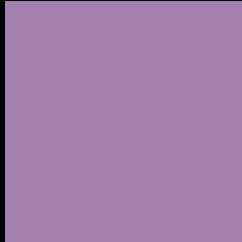
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.1500, 0.2997, 0.2591 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 26.1500, 0.2997, 0.2591

Background



This preview shows how black text looks on a background with the Yxy color 26.1500, 0.2997, 0.2591.



This preview shows how white text looks on a background with the Yxy color 26.1500, 0.2997, 0.2591.

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

26.1500, 0.2997, 0.2591

Protanopia

26.2268, 0.2615, 0.2574

Deuteranopia

26.1816, 0.2768, 0.2710



Tritanopia

26.1317, 0.3270, 0.3134

Trichromacy



Original Color

26.1500, 0.2997, 0.2591

Protanomaly

25.9618, 0.2743, 0.2573

Deuteranomaly

26.1651, 0.2844, 0.2663

Tritanomaly

26.1719, 0.3167, 0.2923

Monochromacy



Original Color

26.1500, 0.2997, 0.2591

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

27.0275, 0.3086, 0.3024

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.1500, 0.2997, 0.2591 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(161, 128, 176)` looks like.

```
.text, #text, p{  
    color:rgb(161, 128, 176)  
}
```

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(161, 128, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 128, 176) }
```

Border

The CSS property to change the border of an element to Yxy 26.1500, 0.2997, 0.2591 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(161, 128, 176) }
```

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

```
.border{ border-color:rgb(161, 128, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 128, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 128, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 128, 176);  
box-shadow:4px 4px 4px 4px rgb(161, 128,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 26.1500, 0.2997, 0.2591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 128, 176) }
```

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

```
.background{ background-color: rgb(161,  
128, 176) }
```

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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