

Converting Colors

$Y_{xy}(27.0078, 0.3181, 0.2601)$

Have a look what the booklet for
Yxy(27.0078, 0.3181, 0.2601)
contains.

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Color

Yxy(26.9925, 0.3171, 0.2595)

Conversions

Conversions Part 1

Format	Color
Hex	B07DAF
RGB	176, 125, 175
RGB Percent	69%, 49%, 69%
CMY	0.3097, 0.5099, 0.3136
CMYK	0.00, 0.29, 0.01, 0.31
HSL	301°, 24%, 59%
HSV	301°, 29%, 69%
XYZ	32.9839, 26.9925, 44.0409
YIQ	145.9490, 14.3460, 26.3620

Conversions

Conversions Part 2

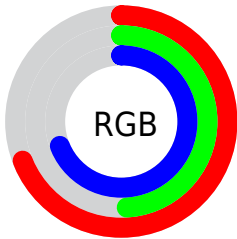
Format	Color
R _Y B	176, 125, 175
Decimal	11566511
CIE Lab	58.97, 28.23, -18.66
CIE LCh	59, 33.836, 326.541
Yxy	26.9925, 0.3171, 0.2595
Android (android.graphics.Color)	4289756591 (0xFFB07DAF)
YUV	145.9490, 14.3221, 26.3547
Hunter-Lab	51.9543, 22.4031, -13.8913

Details

The Yxy color $26.9925, 0.3171, 0.2595$ is a light color, and the websafe version is hex 996699 . A complement of this color would be $36.9304, 0.3081, 0.4099$, and the grayscale version is $28.6598, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.7661, 0.3162, 0.2722$, and $10.6482, 0.3186, 0.2389$ is the 20% darker color. If you saturate the color by 10%, you get $22.9117, 0.3187, 0.2362$, and if you desaturate by 10%, it is $31.8656, 0.3155, 0.2836$.

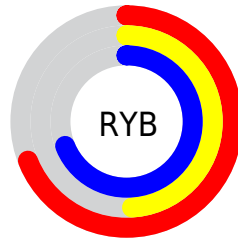
Distribution



Red (69%)

Green (49%)

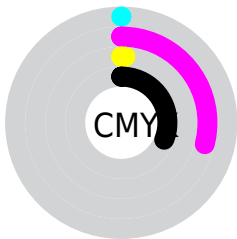
Blue (69%)



Red (69%)

Yellow (49%)

Blue (69%)

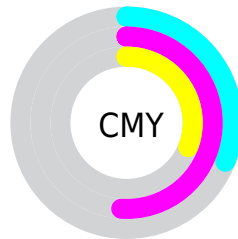


Cyan (0%)

Magenta (29%)

Yellow (1%)

Black (31%)



Cyan (31%)


Magenta (51%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9925, 0.3171, 0.2595 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 26.9925, 0.3171, 0.2595 by changing the saturation by 10% instead.

 26.9925, 0.3171,
0.2595


 26.9925, 0.3171,
0.2595


287.6208, 0.3155,
0.2954


 17.5676, 0.3173,
0.2502


 54.8718, 0.3167,
0.2728

 10.6400, 0.3173,
0.2382


 74.0950, 0.3165,
0.2777

 5.8253, 0.3170,
0.2218


 97.3531, 0.3163,
0.2818

 2.7391, 0.3159,
0.1986

125.0305, 0.3161,
0.2853

 0.9971, 0.3125,
0.1634

157.5116, 0.3159,
0.2884

 0.0000, 0.3267,
0.0000

195.1807, 0.3158,

 0.0000, 0.0000,

0.2910

0.0000

238.4223, 0.3156,
0.2933

■ 26.9925, 0.3171,
0.2595

■ 26.9925, 0.3171,
0.2595

■ 22.9117, 0.3187,
0.2362

■ 31.8656, 0.3155,
0.2836

■ 19.5778, 0.3202,
0.2146

■ 37.5661, 0.3140,
0.3078

■ 16.9466, 0.3217,
0.1956

■ 44.1312, 0.3126,
0.3313

■ 14.9675, 0.3230,
0.1800

■ 51.5950, 0.3112,
0.3538

■ 13.5833, 0.3242,
0.1684

■ 59.9895, 0.3100,
0.3748

■ 12.7268, 0.3251,
0.1611

■ 69.3453, 0.3089,
0.3943

■ 12.2734, 0.3258,
0.1572

■ 79.6916, 0.3079,
0.4123

■ 12.2339, 0.3259,
0.1569

■ 83.9616, 0.3075,
0.4185

■ 83.9757, 0.3073,
0.4181

Harmonies

Analogous

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



26.9925, 0.2635, 0.2417



26.9925, 0.3171, 0.2595



26.9925, 0.3743, 0.2922

Triad

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



26.9925, 0.3171, 0.2595



26.9925, 0.4023, 0.4154



26.9925, 0.2194, 0.3101

Complementary

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



26.9925, 0.3171, 0.2595



36.9304, 0.3081, 0.4099

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.



26.9925, 0.2509, 0.3676



26.9925, 0.3171, 0.2595



26.9925, 0.3560, 0.4325

Square

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



26.9925, 0.3171, 0.2595



26.9925, 0.4253, 0.3781



26.9925, 0.3005, 0.4159



26.9925, 0.2112, 0.2656

Rectangle

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



26.9925, 0.3171, 0.2595



26.9925, 0.4047, 0.3195



26.9925, 0.3005, 0.4159



26.9925, 0.2274, 0.3286

Sweetspot

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



26.9937, 0.3171, 0.2595



67.9275, 0.3140, 0.3074



22.2223, 0.2636, 0.2466



14.3820, 0.3142, 0.3040



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.



26.9937, 0.3171, 0.2595



43.8869, 0.3182, 0.2439



26.0887, 0.3454, 0.2933



8.6438, 0.3141, 0.3070



8.9731, 0.3259, 0.1569



0.2832, 0.3244, 0.1561

Inverse Universe

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



26.9937, 0.3171, 0.2595



43.8869, 0.3182, 0.2439



37.6703, 0.2890, 0.3678



8.6438, 0.3141, 0.3070



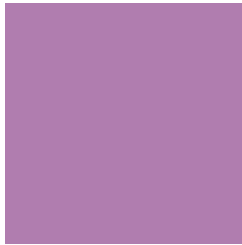
8.9731, 0.3259, 0.1569



0.2832, 0.3244, 0.1561

Previews

White Background



This preview shows how the Yxy color 26.9925, 0.3171, 0.2595 looks on a white background.

Color Contrast Check

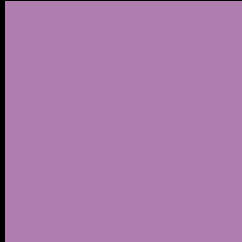
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9925, 0.3171, 0.2595 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

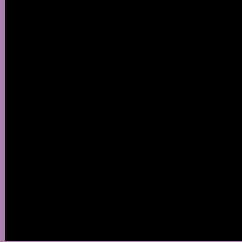
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9925, 0.3171, 0.2595

Background



This preview shows how black text looks on a background with the Yxy color 26.9925, 0.3171, 0.2595.



This preview shows how white text looks on a background with the Yxy color 26.9925, 0.3171, 0.2595.

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

26.9925, 0.3171, 0.2595

Protanopia

27.3407, 0.2623, 0.2599

Deuteranopia

27.1065, 0.2835, 0.2778



Tritanopia

26.9562, 0.3482, 0.3128

Trichromacy



Original Color

26.9925, 0.3171, 0.2595

Protanomaly

26.9084, 0.2803, 0.2588

Deuteranomaly

26.9373, 0.2954, 0.2707

Tritanomaly

26.9178, 0.3362, 0.2927

Monochromacy



Original Color

26.9925, 0.3171, 0.2595

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.7794, 0.3141, 0.3000

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9925, 0.3171, 0.2595 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(176, 125, 175)` looks like.

```
.text, #text, p{  
    color:rgb(176, 125, 175)  
}
```

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(176, 125, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 125, 175) }
```

Border

The CSS property to change the border of an element to Yxy 26.9925, 0.3171, 0.2595 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(176, 125, 175) }
```

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

```
.border{ border-color:rgb(176, 125, 175) }
```

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

Here you see how a box with a 4 pixel rgb(176, 125, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 125, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 125, 175);  
box-shadow:4px 4px 4px 4px rgb(176, 125,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9925, 0.3171, 0.2595 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 125, 175) }
```

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

```
.background{ background-color: rgb(176,  
125, 175) }
```

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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