

Converting Colors

$Y_{xy}(26.8611, 0.3405, 0.2776)$

Have a look what the booklet for
Yxy(26.8611, 0.3405, 0.2776)
contains.

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Color

Yxy(26.9336, 0.3393, 0.2775)

Conversions

Conversions Part 1

Format	Color
Hex	B67CA1
RGB	182, 124, 161
RGB Percent	71%, 49%, 63%
CMY	0.2863, 0.5137, 0.3685
CMYK	0.00, 0.32, 0.12, 0.29
HSL	322°, 28%, 60%
HSV	322°, 32%, 71%
XYZ	32.9318, 26.9336, 37.1926
YIQ	145.5600, 22.6910, 23.8030

Conversions

Conversions Part 2

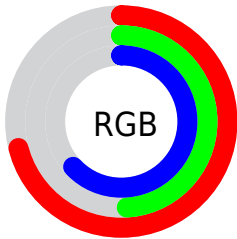
Format	Color
RYB	182, 124, 161
Decimal	11959457
CIELab	58.91, 28.28, -10.65
CIELCh	59, 30.217, 339.369
Yxy	26.9336, 0.3393, 0.2775
Android (android.graphics.Color)	4290149537 (0xFFB67CA1)
YUV	145.5600, 7.6119, 31.9579
Hunter-Lab	51.8976, 22.4470, -6.1621

Details

The Yxy color **26.9336, 0.3393, 0.2775** is a light color, and the websafe version is hex **996699**. A complement of this color would be **39.7804, 0.2933, 0.3870**, and the grayscale version is **28.5176, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7529, 0.3342, 0.2872**, and **10.5909, 0.3487, 0.2617** is the 20% darker color. If you saturate the color by 10%, you get **22.5602, 0.3507, 0.2612**, and if you desaturate by 10%, it is **32.1634, 0.3294, 0.2941**.

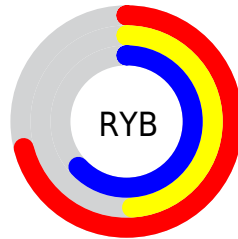
Distribution



Red (71%)

Green (49%)

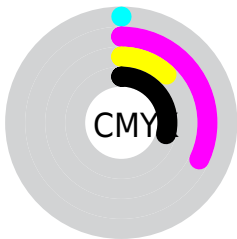
Blue (63%)



Red (71%)

Yellow (49%)

Blue (63%)

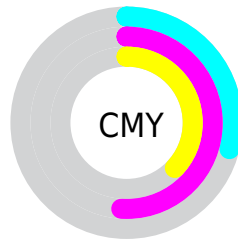


Cyan (0%)

Magenta (32%)

Yellow (12%)

Black (29%)



Cyan (29%)


Magenta (51%)


Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9336, 0.3393, 0.2775 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 26.9336, 0.3393, 0.2775 by changing the saturation by 10% instead.


 26.9336, 0.3393,
0.2775


 26.9336, 0.3393,
0.2775


287.3355, 0.3253,
0.3045


 17.5234, 0.3430,
0.2704


 54.7773, 0.3341,
0.2876

 10.6083, 0.3479,
0.2609


 73.9795, 0.3321,
0.2913

 5.8041, 0.3547,
0.2479


 97.2146, 0.3305,
0.2944

 2.7263, 0.3648,
0.2289

124.8668, 0.3292,
0.2970

 0.9906, 0.3808,
0.1987

157.3206, 0.3280,
0.2993

 0.0000, 0.4843,
0.0000

194.9604, 0.3270,

 0.0000, 0.0000,

0.3012

0.0000

238.1706, 0.3261,
0.3030

■ 26.9336, 0.3393,
0.2775

■ 26.9336, 0.3393,
0.2775

■ 22.5602, 0.3507,
0.2612

■ 32.1634, 0.3294,
0.2941

■ 18.9930, 0.3636,
0.2460

■ 38.2890, 0.3210,
0.3105

■ 16.1822, 0.3780,
0.2328

■ 45.3517, 0.3139,
0.3262

■ 14.0709, 0.3934,
0.2229


■ 53.3892, 0.3079,
0.3410


■ 12.5940, 0.4094,
0.2172

■ 62.4369, 0.3030,
0.3548


 11.6741, 0.4254,
0.2165

 72.5287, 0.2988,
0.3675

 11.2092, 0.4383,
0.2188

 83.6968, 0.2954,
0.3793

 86.3017, 0.2920,
0.3753

 86.6440, 0.2885,
0.3677

Harmonies

Analogous

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



26.9336, 0.2880, 0.2549



26.9336, 0.3393, 0.2775



26.9336, 0.3862, 0.3117

Triad

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



26.9336, 0.3393, 0.2775



26.9336, 0.3777, 0.4161



26.9336, 0.2226, 0.2934

Complementary

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



26.9336, 0.3393, 0.2775



39.7804, 0.2933, 0.3870

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.



26.9336, 0.2427, 0.3414



26.9336, 0.3393, 0.2775



26.9336, 0.3311, 0.4185

Square

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



26.9336, 0.3393, 0.2775



26.9336, 0.4082, 0.3896



26.9336, 0.2817, 0.3901



26.9336, 0.2243, 0.2610

Rectangle

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



26.9336, 0.3393, 0.2775



26.9336, 0.4065, 0.3381



26.9336, 0.2817, 0.3901



26.9336, 0.2270, 0.3082

Sweetspot

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



26.9348, 0.3393, 0.2775



71.4715, 0.3197, 0.3132



23.7503, 0.2766, 0.2415



15.4109, 0.3208, 0.3110



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.



26.9348, 0.3393, 0.2775



43.2950, 0.3469, 0.2664



26.0460, 0.3734, 0.3167



9.1061, 0.3191, 0.3145



7.9299, 0.4366, 0.2179



0.2910, 0.3996, 0.1975

Inverse Universe

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



26.9348, 0.3393, 0.2775



43.2950, 0.3469, 0.2664



40.7655, 0.2736, 0.3420



9.1061, 0.3191, 0.3145



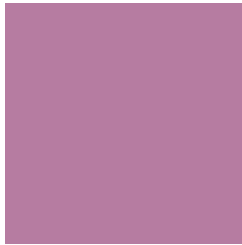
7.9299, 0.4366, 0.2179



0.2910, 0.3996, 0.1975

Previews

White Background



This preview shows how the Yxy color 26.9336, 0.3393, 0.2775 looks on a white background.

Color Contrast Check

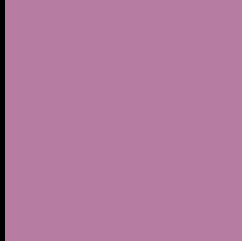
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9336, 0.3393, 0.2775 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

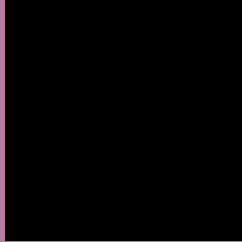
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9336, 0.3393, 0.2775

Background



This preview shows how black text looks on a background with the Yxy color 26.9336, 0.3393, 0.2775.



This preview shows how white text looks on a background with the Yxy color 26.9336, 0.3393, 0.2775.

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

26.9336, 0.3393, 0.2775

Protanopia

27.1792, 0.2780, 0.2802

Deuteranopia

26.9415, 0.3035, 0.2976



Tritanopia

26.8570, 0.3620, 0.3147

Trichromacy



Original Color

26.9336, 0.3393, 0.2775

Protanomaly

26.8305, 0.2981, 0.2788

Deuteranomaly

26.7518, 0.3157, 0.2898

Tritanomaly

26.9574, 0.3539, 0.3019

Monochromacy



Original Color

26.9336, 0.3393, 0.2775

Achromatopsia

28.7441, 0.3127, 0.3290

Achromatomaly

27.7823, 0.3224, 0.3091

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9336, 0.3393, 0.2775 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(182, 124, 161)` looks like.

```
.text, #text, p{  
    color:rgb(182, 124, 161)  
}
```

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(182, 124, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 124, 161) }
```

Border

The CSS property to change the border of an element to Yxy 26.9336, 0.3393, 0.2775 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(182, 124, 161) }
```

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

```
.border{ border-color:rgb(182, 124, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 124, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 124, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 124, 161);  
box-shadow:4px 4px 4px 4px rgb(182, 124,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9336, 0.3393, 0.2775 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 124, 161) }
```

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

```
.background{ background-color: rgb(182,  
124, 161) }
```

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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