

Converting Colors

$Yxy(27.0506, 0.3007, 0.2677)$

Have a look what the booklet for
Yxy(27.0506, 0.3007, 0.2677)
contains.

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Color

Yxy(27.0321, 0.3006, 0.2674)

Conversions

Conversions Part 1

Format	Color
Hex	A084AE
RGB	160, 132, 174
RGB Percent	63%, 52%, 68%
CMY	0.3726, 0.4823, 0.3176
CMYK	0.08, 0.24, 0.00, 0.32
HSL	280°, 21%, 60%
HSV	280°, 24%, 68%
XYZ	30.3884, 27.0321, 43.6719
YIQ	145.1600, 3.2060, 18.9980

Conversions

Conversions Part 2

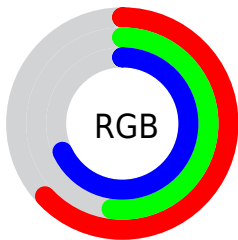
Format	Color
R _Y B	160, 132, 174
Decimal	10519726
CIE Lab	59.00, 18.60, -18.18
CIE LCh	59, 26.009, 315.661
Yxy	27.0321, 0.3006, 0.2674
Android (android.graphics.Color)	4288709806 (0xFFA084AE)
YUV	145.1600, 14.2181, 13.0147
Hunter-Lab	51.9924, 13.3424, -13.4070

Details

The Yxy color **27.0321, 0.3006, 0.2674** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **38.0617, 0.3221, 0.3933**, and the grayscale version is **28.3244, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8582, 0.3031, 0.2787**, and **10.6032, 0.2961, 0.2482** is the 20% darker color. If you saturate the color by 10%, you get **22.1153, 0.2941, 0.2401**, and if you desaturate by 10%, it is **32.7665, 0.3062, 0.2939**.

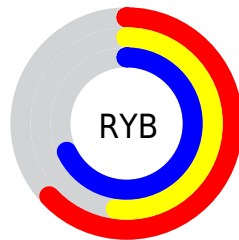
Distribution



Red (63%)

Green (52%)

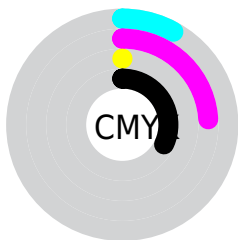
Blue (68%)



Red (63%)

Yellow (52%)

Blue (68%)

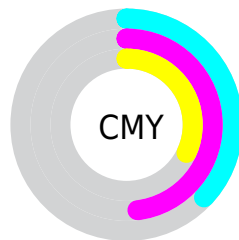


Cyan (8%)

Magenta (24%)

Yellow (0%)

Black (32%)



Cyan (37%)


Magenta (48%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.0321, 0.3006, 0.2674 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 27.0321, 0.3006, 0.2674 by changing the saturation by 10% instead.


 27.0321, 0.3006,
0.2674


 27.0321, 0.3006,
0.2674


287.8125, 0.3077,
0.2996


 17.5973, 0.2985,
0.2589


 54.9354, 0.3034,
0.2794

 10.6613, 0.2955,
0.2478


 74.1727, 0.3044,
0.2838

 5.8396, 0.2910,
0.2326


 97.4463, 0.3052,
0.2875

 2.7478, 0.2839,
0.2107

125.1405, 0.3059,
0.2906

 1.0015, 0.2707,
0.1766

157.6399, 0.3064,
0.2933

 0.0000, 0.2310,
0.0000

195.3288, 0.3069,

 0.0000, 0.0000,

0.2957

0.0000

238.5915, 0.3073,
0.2977

■ 27.0321, 0.3006,
0.2674

■ 27.0321, 0.3006,
0.2674

■ 22.1153, 0.2941,
0.2401

■ 32.7665, 0.3062,
0.2939

■ 17.9733, 0.2868,
0.2129

■ 39.3517, 0.3110,
0.3191

■ 14.5644, 0.2787,
0.1866

■ 46.8233, 0.3150,
0.3425

■ 11.8417, 0.2700,
0.1626

■ 55.2137, 0.3182,
0.3641

■ 9.7527, 0.2611,
0.1420

■ 64.5539, 0.3209,
0.3838

■ 8.2368, 0.2521,
0.1257

■ 74.8732, 0.3231,
0.4016

■ 7.2215, 0.2435,
0.1142

■ 86.1997, 0.3248,
0.4177

■ 6.7630, 0.2385,
0.1088

■ 87.7687, 0.3283,
0.4177

■ 88.6186, 0.3321,
0.4166

Harmonies

Analogous

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



27.0321, 0.2623, 0.2587



27.0321, 0.3006, 0.2674



27.0321, 0.3450, 0.2898

Triad

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



27.0321, 0.3006, 0.2674



27.0321, 0.3914, 0.3881



27.0321, 0.2469, 0.3309

Complementary

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



27.0321, 0.3006, 0.2674



38.0617, 0.3221, 0.3933

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.



27.0321, 0.2781, 0.3732



27.0321, 0.3006, 0.2674



27.0321, 0.3616, 0.4064

Square

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



27.0321, 0.3006, 0.2674



27.0321, 0.3995, 0.3567



27.0321, 0.3199, 0.4021



27.0321, 0.2330, 0.2917

Rectangle

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



27.0321, 0.3006, 0.2674



27.0321, 0.3716, 0.3103



27.0321, 0.3199, 0.4021



27.0321, 0.2556, 0.3454

Sweetspot

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



27.0332, 0.3006, 0.2674



67.6368, 0.3096, 0.3117



28.7406, 0.2743, 0.2861



14.8758, 0.3094, 0.3103



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.



27.0332, 0.3006, 0.2674



44.0546, 0.2972, 0.2528



28.3220, 0.3220, 0.2784



8.0121, 0.3086, 0.3063



4.9373, 0.2394, 0.1093



0.1656, 0.2650, 0.1234

Inverse Universe

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



27.5818, 0.3457, 0.3086



45.2833, 0.3554, 0.3037



37.0309, 0.3047, 0.3855



8.0578, 0.3236, 0.3215



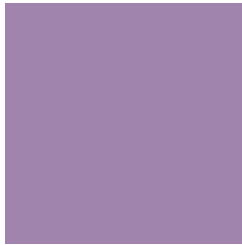
6.7593, 0.5598, 0.2858



0.1984, 0.4748, 0.2389

Previews

White Background



This preview shows how the Yxy color 27.0321, 0.3006, 0.2674 looks on a white background.

Color Contrast Check

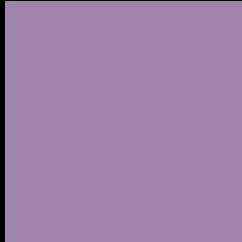
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.0321, 0.3006, 0.2674 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

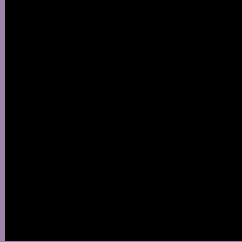
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.0321, 0.3006, 0.2674

Background



This preview shows how black text looks on a background with the Yxy color 27.0321, 0.3006, 0.2674.



This preview shows how white text looks on a background with the Yxy color 27.0321, 0.3006, 0.2674.

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

27.0321, 0.3006, 0.2674

Protanopia

27.2506, 0.2687, 0.2684

Deuteranopia

27.1451, 0.2826, 0.2764



Tritanopia

27.0974, 0.3223, 0.3119

Trichromacy



Original Color

27.0321, 0.3006, 0.2674

Protanomaly

27.1421, 0.2792, 0.2680

Deuteranomaly

26.9213, 0.2893, 0.2727

Tritanomaly

26.9304, 0.3143, 0.2954

Monochromacy



Original Color

27.0321, 0.3006, 0.2674

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.6405, 0.3075, 0.3040

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.0321, 0.3006, 0.2674 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(160, 132, 174)` looks like.

```
.text, #text, p{  
    color:rgb(160, 132, 174)  
}
```

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(160, 132, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 132, 174) }
```

Border

The CSS property to change the border of an element to Yxy 27.0321, 0.3006, 0.2674 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(160, 132, 174) }
```

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

```
.border{ border-color:rgb(160, 132, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 132, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 132, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 132, 174);  
box-shadow:4px 4px 4px 4px rgb(160, 132,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 27.0321, 0.3006, 0.2674 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 132, 174) }
```

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

```
.background{ background-color: rgb(160,  
132, 174) }
```

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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