

Converting Colors

Yxy(27.1157, 0.3144, 0.2788)

Have a look what the booklet for
Yxy(27.1157, 0.3144, 0.2788)
contains.

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Color

Yxy(26.9851, 0.3140, 0.2777)

Conversions

Conversions Part 1

Format	Color
Hex	A583A6
RGB	165, 131, 166
RGB Percent	65%, 51%, 65%
CMY	0.3530, 0.4862, 0.3490
CMYK	0.01, 0.21, 0.00, 0.35
HSL	298°, 16%, 58%
HSV	298°, 21%, 65%
XYZ	30.5125, 26.9851, 39.6760
YIQ	145.1560, 9.0290, 18.0930

Conversions

Conversions Part 2

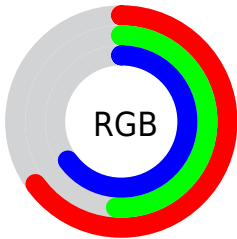
Format	Color
R _Y B	165, 131, 166
Decimal	10847142
CIE Lab	58.96, 19.25, -13.61
CIE LCh	59, 23.579, 324.746
Yxy	26.9851, 0.3140, 0.2777
Android (android.graphics.Color)	4289037222 (0xFFA583A6)
YUV	145.1560, 10.2761, 17.4032
Hunter-Lab	51.9472, 13.9389, -8.9212

Details

The Yxy color **26.9851, 0.3140, 0.2777** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **33.8195, 0.3110, 0.3859**, and the grayscale version is **28.3367, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.7171, 0.3138, 0.2876**, and **10.6105, 0.3143, 0.2607** is the 20% darker color. If you saturate the color by 10%, you get **22.8263, 0.3145, 0.2531**, and if you desaturate by 10%, it is **31.8608, 0.3134, 0.3024**.

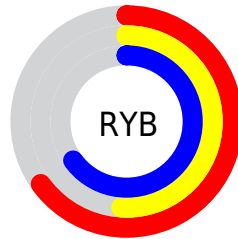
Distribution



Red (65%)

Green (51%)

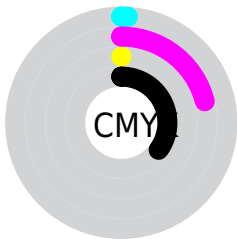
Blue (65%)



Red (65%)

Yellow (51%)

Blue (65%)

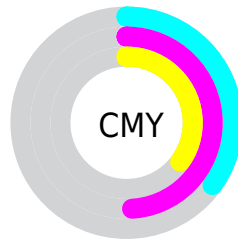


Cyan (1%)

Magenta (21%)

Yellow (0%)

Black (35%)



Cyan (35%)


Magenta (49%)


Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9851, 0.3140, 0.2777 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 26.9851, 0.3140, 0.2777 by changing the saturation by 10% instead.


 26.9851, 0.3140,
0.2777


 26.9851, 0.3140,
0.2777


287.5850, 0.3137,
0.3046


 17.5620, 0.3139,
0.2705


 54.8600, 0.3140,
0.2878

 10.6360, 0.3137,
0.2611


 74.0805, 0.3140,
0.2915

 5.8226, 0.3132,
0.2480


 97.3357, 0.3139,
0.2946

 2.7375, 0.3121,
0.2289

125.0100, 0.3139,
0.2972

 0.9963, 0.3090,
0.1984

157.4876, 0.3138,
0.2995

 0.0000, 0.3039,
0.0000

195.1531, 0.3138,

 0.0000, 0.0000,

0.3014

0.0000

238.3907, 0.3138,
0.3031

■ 26.9851, 0.3140,
0.2777

■ 26.9851, 0.3140,
0.2777

■ 22.8263, 0.3145,
0.2531

■ 31.8608, 0.3134,
0.3024

■ 19.3471, 0.3149,
0.2295

■ 37.4817, 0.3128,
0.3265

■ 16.5117, 0.3151,
0.2077

■ 43.8787, 0.3121,
0.3495

■ 14.2802, 0.3152,
0.1886

■ 51.0798, 0.3115,
0.3712

■ 12.6077, 0.3150,
0.1730

■ 59.1120, 0.3108,
0.3913

■ 11.4435, 0.3147,
0.1615

■ 68.0007, 0.3102,
0.4097

■ 10.7275, 0.3142,
0.1542

■ 77.7704, 0.3095,
0.4266

■ 10.3460, 0.3137,
0.1502

■ 82.6921, 0.3094,
0.4339

■ 82.7457, 0.3097,
0.4338

Harmonies

Analogous

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



26.9851, 0.2763, 0.2656



26.9851, 0.3140, 0.2777



26.9851, 0.3536, 0.3014

Triad

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



26.9851, 0.3140, 0.2777



26.9851, 0.3778, 0.3897



26.9851, 0.2471, 0.3193

Complementary

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



26.9851, 0.3140, 0.2777



33.8195, 0.3110, 0.3859

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.



26.9851, 0.2714, 0.3580



26.9851, 0.3140, 0.2777



26.9851, 0.3466, 0.4003

Square

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



26.9851, 0.3140, 0.2777



26.9851, 0.3916, 0.3641



26.9851, 0.3075, 0.3891



26.9851, 0.2396, 0.2868

Rectangle

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



26.9851, 0.3140, 0.2777



26.9851, 0.3750, 0.3215



26.9851, 0.3075, 0.3891



26.9851, 0.2535, 0.3321

Sweetspot

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



26.9863, 0.3140, 0.2777



62.7168, 0.3131, 0.3144



24.1308, 0.2784, 0.2739



13.8942, 0.3131, 0.3129



84.8088, 0.3127, 0.3290



15.4872, 0.3127, 0.3290

Same Dimension

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



26.9863, 0.3140, 0.2777



45.5085, 0.3142, 0.2669



26.5346, 0.3326, 0.3010



7.6553, 0.3133, 0.3067



8.0267, 0.3138, 0.1502



0.1986, 0.3163, 0.1516

Inverse Universe

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



26.0100, 0.3528, 0.3276



43.4383, 0.3637, 0.3272



34.2157, 0.2967, 0.3588



7.5457, 0.3281, 0.3284



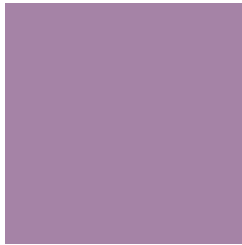
6.2960, 0.6361, 0.3278



0.1543, 0.6181, 0.3179

Previews

White Background



This preview shows how the Yxy color 26.9851, 0.3140, 0.2777 looks on a white background.

Color Contrast Check

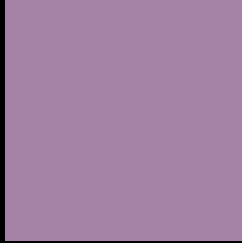
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.9851, 0.3140, 0.2777 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

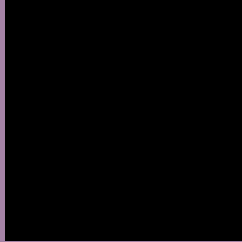
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.9851, 0.3140, 0.2777

Background



This preview shows how black text looks on a background with the Yxy color 26.9851, 0.3140, 0.2777.



This preview shows how white text looks on a background with the Yxy color 26.9851, 0.3140, 0.2777.

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

26.9851, 0.3140, 0.2777

Protanopia

27.2178, 0.2771, 0.2788

Deuteranopia

27.2016, 0.2938, 0.2885



Tritanopia

27.0537, 0.3326, 0.3137

Trichromacy



Original Color

26.9851, 0.3140, 0.2777

Protanomaly

26.9046, 0.2901, 0.2782

Deuteranomaly

27.0003, 0.3009, 0.2847

Tritanomaly

27.1366, 0.3252, 0.3004

Monochromacy



Original Color

26.9851, 0.3140, 0.2777

Achromatopsia

28.3149, 0.3127, 0.3290

Achromatomaly

27.7315, 0.3126, 0.3088

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9851, 0.3140, 0.2777 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(165, 131, 166)` looks like.

```
.text, #text, p{  
    color:rgb(165, 131, 166)  
}
```

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(165, 131, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 131, 166) }
```

Border

The CSS property to change the border of an element to Yxy 26.9851, 0.3140, 0.2777 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(165, 131, 166) }
```

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

```
.border{ border-color:rgb(165, 131, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 131, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 131, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 131, 166);  
box-shadow:4px 4px 4px 4px rgb(165, 131,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9851, 0.3140, 0.2777 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 131, 166) }
```

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

```
.background{ background-color: rgb(165,  
131, 166) }
```

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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