

Converting Colors

$Y_{xy}(26.8402, 0.2686, 0.2325)$

Have a look what the booklet for
Yxy(26.8402, 0.2686, 0.2325)
contains.

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Color

Yxy(26.8402, 0.2686, 0.2325)

Conversions

Conversions Part 1

Format	Color
Hex	9683C7
RGB	150, 131, 199
RGB Percent	59%, 51%, 78%
CMY	0.4117, 0.4863, 0.2195
CMYK	0.25, 0.34, 0.00, 0.22
HSL	257°, 38%, 65%
HSV	257°, 34%, 78%
XYZ	31.0076, 26.8402, 57.5939
YIQ	144.4330, -10.5040, 25.1760

Conversions

Conversions Part 2

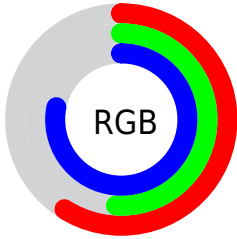
Format	Color
R_{YB}	150, 131, 199
Decimal	9864135
CIE _{Lab}	58.83, 21.68, -32.74
CIE _{LCh}	59, 39.262, 303.510
Yxy	26.8402, 0.2686, 0.2325
Android (android.graphics.Color)	4288054215 (0xFF9683C7)
YUV	144.4330, 26.9015, 4.8823
Hunter-Lab	51.8075, 16.1720, -29.6468

Details

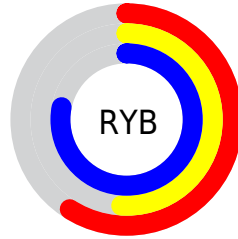
The Yxy color `26.8402, 0.2686, 0.2325` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `52.1995, 0.3473, 0.4182`, and the grayscale version is `27.9677, 0.3127, 0.3290`.

A 20% lighter version of the original color is `54.4801, 0.2785, 0.2513`, and `10.5259, 0.2530, 0.2034` is the 20% darker color. If you saturate the color by 10%, you get `20.7211, 0.2523, 0.2002`, and if you desaturate by 10%, it is `34.1546, 0.2835, 0.2635`.

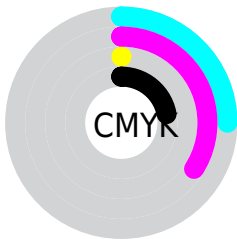
Distribution



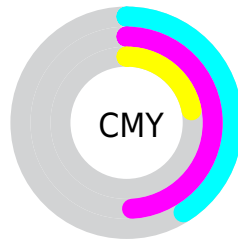
- Red (59%)
- Green (51%)
- Blue (78%)



- Red (59%)
- Yellow (51%)
- Blue (78%)



- Cyan (25%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)





- Cyan (41%)
- Magenta (49%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8402, 0.2686, 0.2325 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 26.8402, 0.2686, 0.2325 by changing the saturation by 10% instead.


 26.8402, 0.2686,
0.2325


 26.8402, 0.2686,
0.2325


286.8826, 0.2930,
0.2817

 17.4532, 0.2618,
0.2201


 54.6273, 0.2780,
0.2505

 10.5582, 0.2527,
0.2043

 73.7963, 0.2814,
0.2572

 5.7706, 0.2400,
0.1835


 96.9947, 0.2841,
0.2629

 2.7061, 0.2211,
0.1552

124.6070, 0.2865,
0.2677

 0.9803, 0.1914,
0.1158

157.0175, 0.2885,
0.2719

 0.0000, 0.1307,
0.0000

194.6107, 0.2902,

 0.0000, 0.0000,

0.2756

0.0000

237.7709, 0.2917,
0.2788

■ 26.8402, 0.2686,
0.2325

■ 26.8402, 0.2686,
0.2325

■ 20.7211, 0.2523,
0.2002

■ 34.1546, 0.2835,
0.2635

■ 15.7292, 0.2349,
0.1679

■ 42.7211, 0.2968,
0.2924

■ 11.7942, 0.2174,
0.1375

■ 52.5966, 0.3084,
0.3188

■ 8.8363, 0.2006,
0.1108

■ 63.8337, 0.3183,
0.3424

■ 6.7641, 0.1856,
0.0898

■ 76.4818, 0.3268,
0.3634

■ 5.4677, 0.1732,
0.0755

■ 90.5881, 0.3340,
0.3819

■ 4.9559, 0.1673,
0.0696

■ 96.0372, 0.3429,
0.3846

■ 96.9047, 0.3460,
0.3840

Harmonies

Analogous

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



26.8402, 0.2216, 0.2281



26.8402, 0.2686, 0.2325



26.8402, 0.3331, 0.2570

Triad

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



26.8402, 0.2686, 0.2325



26.8402, 0.4397, 0.3947



26.8402, 0.2305, 0.3578

Complementary

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



26.8402, 0.2686, 0.2325



52.1995, 0.3473, 0.4182

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.



26.8402, 0.2831, 0.4210



26.8402, 0.2686, 0.2325



26.8402, 0.4046, 0.4354

Square

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



26.8402, 0.2686, 0.2325



26.8402, 0.4384, 0.3451



26.8402, 0.3469, 0.4497



26.8402, 0.2013, 0.2920

Rectangle

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



26.8402, 0.2686, 0.2325



26.8402, 0.3778, 0.2822



26.8402, 0.3469, 0.4497



26.8402, 0.2459, 0.3808

Sweetspot

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



26.8413, 0.2686, 0.2325



81.4771, 0.3017, 0.3034



41.9495, 0.2614, 0.3032



16.9239, 0.3000, 0.2996



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



26.8413, 0.2686, 0.2325



38.8431, 0.2566, 0.2086



30.4409, 0.3007, 0.2409



10.4287, 0.3025, 0.3054



3.2242, 0.1685, 0.0702



0.1900, 0.1919, 0.0831

Inverse Universe

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



31.6711, 0.3360, 0.2667



48.6942, 0.3427, 0.2532



48.6875, 0.3200, 0.4265



10.7641, 0.3180, 0.3125



9.1050, 0.4061, 0.2011



0.4430, 0.3844, 0.1891

Previews

White Background



This preview shows how the Yxy color 26.8402, 0.2686, 0.2325 looks on a white background.

Color Contrast Check

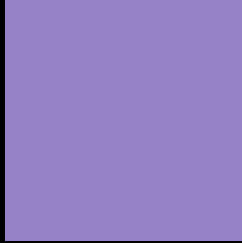
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.8402, 0.2686, 0.2325 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

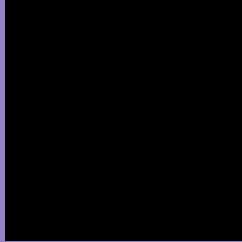
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.8402, 0.2686, 0.2325

Background



This preview shows how black text looks on a background with the Yxy color 26.8402, 0.2686, 0.2325.



This preview shows how white text looks on a background with the Yxy color 26.8402, 0.2686, 0.2325.

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

26.8402, 0.2686, 0.2325

Protanopia

26.9145, 0.2400, 0.2298

Deuteranopia

26.9983, 0.2484, 0.2428



Tritanopia

26.9795, 0.3020, 0.3112

Trichromacy



Original Color

26.8402, 0.2686, 0.2325

Protanomaly

26.7454, 0.2499, 0.2309

Deuteranomaly

26.9551, 0.2552, 0.2388

Tritanomaly

26.6852, 0.2890, 0.2794

Monochromacy



Original Color

26.8402, 0.2686, 0.2325

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.2566, 0.2957, 0.2901

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8402, 0.2686, 0.2325 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(150, 131, 199)` looks like.

```
.text, #text, p{  
    color:rgb(150, 131, 199)  
}
```

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(150, 131, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 131, 199) }
```

Border

The CSS property to change the border of an element to Yxy 26.8402, 0.2686, 0.2325 is called "border". The border property can be set on classes, ids or directly on the HTML element.

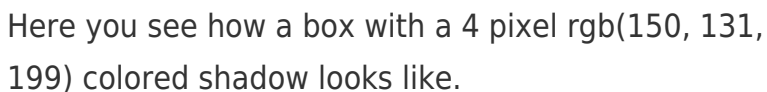
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(150, 131, 199) }
```

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

```
.border{ border-color:rgb(150, 131, 199) }
```

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



Here you see how a box with a 4 pixel `rgb(150, 131, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(150, 131, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(150, 131, 199); box-shadow:4px 4px 4px 4px rgb(150, 131, 199) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8402, 0.2686, 0.2325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 131, 199) }
```

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

```
.background{ background-color: rgb(150,  
131, 199) }
```

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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