

Converting Colors

$Y_{xy}(26.3533, 0.2804, 0.2537)$

Have a look what the booklet for
Yxy(26.3533, 0.2804, 0.2537)
contains.

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Color

Yxy(26.2173, 0.2801, 0.2532)

Conversions

Conversions Part 1

Format	Color
Hex	9484B7
RGB	148, 132, 183
RGB Percent	58%, 52%, 72%
CMY	0.4198, 0.4823, 0.2824
CMYK	0.19, 0.28, 0.00, 0.28
HSL	259°, 26%, 62%
HSV	259°, 28%, 72%
XYZ	29.0026, 26.2173, 48.3239
YIQ	142.5980, -6.8350, 19.2530

Conversions

Conversions Part 2

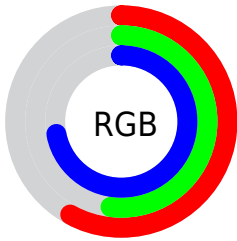
Format	Color
RYB	148, 132, 183
Decimal	9733303
CIELab	58.24, 16.61, -24.55
CIELCh	58, 29.640, 304.072
Yxy	26.2173, 0.2801, 0.2532
Android (android.graphics.Color)	4287923383 (0xFF9484B7)
YUV	142.5980, 19.9182, 4.7376
Hunter-Lab	51.2028, 11.5021, -20.1144

Details

The Yxy color **26.2173, 0.2801, 0.2532** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **43.7506, 0.3395, 0.4009**, and the grayscale version is **27.2194, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6264, 0.2876, 0.2679**, and **10.1331, 0.2670, 0.2280** is the 20% darker color. If you saturate the color by 10%, you get **20.5724, 0.2654, 0.2221**, and if you desaturate by 10%, it is **32.8624, 0.2932, 0.2825**.

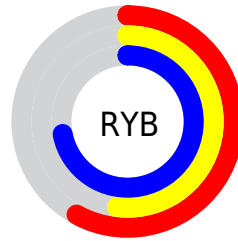
Distribution



Red (58%)

Green (52%)

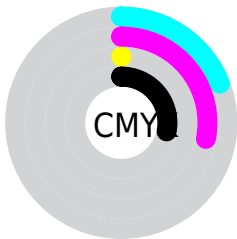
Blue (72%)



Red (58%)

Yellow (52%)

Blue (72%)

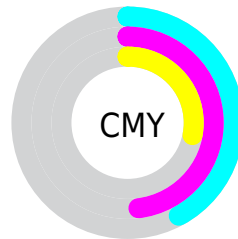


Cyan (19%)

Magenta (28%)

Yellow (0%)

Black (28%)



Cyan (42%)


Magenta (48%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2173, 0.2801, 0.2532 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 26.2173, 0.2801, 0.2532 by changing the saturation by 10% instead.


 26.2173, 0.2801,
0.2532


 26.2173, 0.2801,
0.2532


283.8472, 0.2983,
0.2927


 16.9863, 0.2749,
0.2429


 53.6253, 0.2872,
0.2679

 10.2247, 0.2679,
0.2294


 72.5711, 0.2897,
0.2733

 5.5482, 0.2578,
0.2112


 95.5239, 0.2917,
0.2779

 2.5724, 0.2424,
0.1852

122.8681, 0.2935,
0.2817

 0.9128, 0.2165,
0.1463

154.9881, 0.2949,
0.2851

 0.0000, 0.1203,
0.0000

192.2684, 0.2962,

 0.0000, 0.0000,

0.2879

0.0000

235.0933, 0.2973,
0.2905

■ 26.2173, 0.2801,
0.2532

■ 26.2173, 0.2801,
0.2532

■ 20.5724, 0.2654,
0.2221

■ 32.8624, 0.2932,
0.2825

■ 15.8749, 0.2494,
0.1902

■ 40.5504, 0.3048,
0.3096

■ 12.0720, 0.2326,
0.1590

■ 49.3257, 0.3147,
0.3340

■ 9.1044, 0.2158,
0.1301

■ 59.2287, 0.3232,
0.3559

■ 6.9051, 0.1998,
0.1056

■ 70.2981, 0.3305,
0.3753

■ 5.3964, 0.1857,
0.0868

■ 82.5706, 0.3366,
0.3925

■ 4.4605, 0.1741,
0.0743

■ 92.7742, 0.3427,
0.4030

■ 4.2932, 0.1718,
0.0720

■ 95.0045, 0.3512,
0.4009

■ 96.1983, 0.3556,
0.3998

Harmonies

Analogous

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



26.2173, 0.2423, 0.2500



26.2173, 0.2801, 0.2532



26.2173, 0.3299, 0.2730

Triad

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



26.2173, 0.2801, 0.2532



26.2173, 0.4101, 0.3830



26.2173, 0.2490, 0.3504

Complementary

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



26.2173, 0.2801, 0.2532



43.7506, 0.3395, 0.4009

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.



26.2173, 0.2902, 0.3964



26.2173, 0.2801, 0.2532



26.2173, 0.3839, 0.4120

Square

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



26.2173, 0.2801, 0.2532



26.2173, 0.4085, 0.3443



26.2173, 0.3397, 0.4193



26.2173, 0.2255, 0.3014

Rectangle

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



26.2173, 0.2801, 0.2532



26.2173, 0.3634, 0.2935



26.2173, 0.3397, 0.4193



26.2173, 0.2611, 0.3671

Sweetspot

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



26.2184, 0.2801, 0.2532



72.2225, 0.3045, 0.3088



36.2197, 0.2705, 0.3061



15.4683, 0.3028, 0.3049



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.



26.2184, 0.2801, 0.2532



40.9910, 0.2719, 0.2357



28.7882, 0.3053, 0.2586



8.8520, 0.3032, 0.3057



3.0281, 0.1729, 0.0726



0.1406, 0.2034, 0.0894

Inverse Universe

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



29.3672, 0.3325, 0.2809



47.5778, 0.3376, 0.2708



41.2981, 0.3175, 0.4061



9.1137, 0.3184, 0.3134



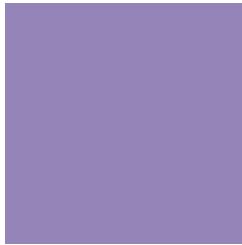
8.0836, 0.4178, 0.2075



0.2956, 0.3872, 0.1907

Previews

White Background



This preview shows how the Yxy color 26.2173, 0.2801, 0.2532 looks on a white background.

Color Contrast Check

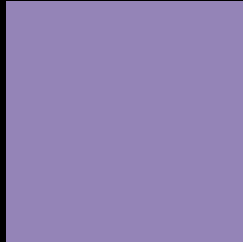
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.2173, 0.2801, 0.2532 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

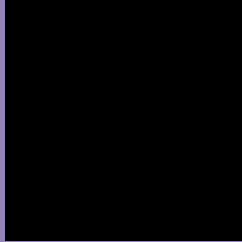
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.2173, 0.2801, 0.2532

Background



This preview shows how black text looks on a background with the Yxy color 26.2173, 0.2801, 0.2532.



This preview shows how white text looks on a background with the Yxy color 26.2173, 0.2801, 0.2532.

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

26.2173, 0.2801, 0.2532

Protanopia

26.2434, 0.2568, 0.2517

Deuteranopia

26.3797, 0.2657, 0.2607



Tritanopia

26.0977, 0.3060, 0.3111

Trichromacy



Original Color

26.2173, 0.2801, 0.2532

Protanomaly

26.2218, 0.2650, 0.2527

Deuteranomaly

26.3041, 0.2709, 0.2585

Tritanomaly

26.1108, 0.2964, 0.2895

Monochromacy



Original Color

26.2173, 0.2801, 0.2532

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

26.9536, 0.3004, 0.2990

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2173, 0.2801, 0.2532 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(148, 132, 183)` looks like.

```
.text, #text, p{  
    color:rgb(148, 132, 183)  
}
```

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(148, 132, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 132, 183) }
```

Border

The CSS property to change the border of an element to Yxy 26.2173, 0.2801, 0.2532 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(148, 132, 183) }
```

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

```
.border{ border-color:rgb(148, 132, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 132, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 132, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(148, 132, 183);  
box-shadow:4px 4px 4px 4px rgb(148, 132,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2173, 0.2801, 0.2532 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 132, 183) }
```

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

```
.background{ background-color: rgb(148,  
132, 183) }
```

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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