

Converting Colors

$Y_{xy}(26.2658, 0.2941, 0.2547)$

Have a look what the booklet for
Yxy(26.2658, 0.2941, 0.2547)
contains.

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Color

Yxy(26.3667, 0.2938, 0.2549)

Conversions

Conversions Part 1

Format	Color
Hex	9F81B4
RGB	159, 129, 180
RGB Percent	62%, 51%, 71%
CMY	0.3764, 0.4941, 0.2940
CMYK	0.12, 0.28, 0.00, 0.29
HSL	275°, 25%, 61%
HSV	275°, 28%, 71%
XYZ	30.3905, 26.3667, 46.6822
YIQ	143.7840, 1.5090, 22.2210

Conversions

Conversions Part 2

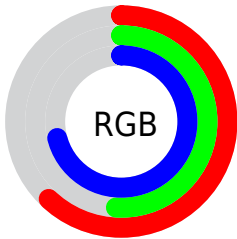
Format	Color
RYB	159, 129, 180
Decimal	10453428
CIELab	58.38, 21.28, -22.56
CIElCh	58, 31.017, 313.332
Yxy	26.3667, 0.2938, 0.2549
Android (android.graphics.Color)	4288643508 (0xFF9F81B4)
YUV	143.7840, 17.8545, 13.3444
Hunter-Lab	51.3485, 15.7849, -17.9580

Details

The Yxy color **26.3667, 0.2938, 0.2549** is a light color, and the websafe version is hex **996699**. A complement of this color would be **40.7237, 0.3271, 0.4053**, and the grayscale version is **27.7262, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.8082, 0.2980, 0.2690**, and **10.2501, 0.2863, 0.2312** is the 20% darker color. If you saturate the color by 10%, you get **21.3004, 0.2851, 0.2266**, and if you desaturate by 10%, it is **32.3162, 0.3014, 0.2824**.

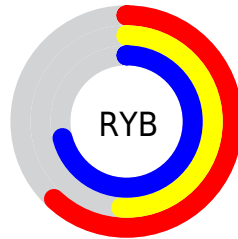
Distribution



Red (62%)

Green (51%)

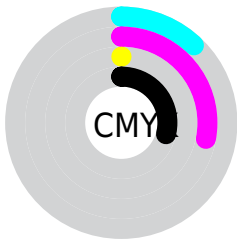
Blue (71%)



Red (62%)

Yellow (51%)

Blue (71%)

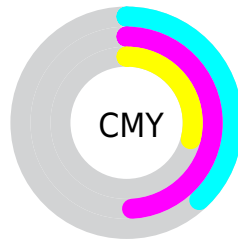


Cyan (12%)

Magenta (28%)

Yellow (0%)

Black (29%)



Cyan (38%)


Magenta (49%)

Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.3667, 0.2938, 0.2549 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 26.3667, 0.2938, 0.2549 by changing the saturation by 10% instead.


 26.3667, 0.2938,
0.2549


 26.3667, 0.2938,
0.2549


284.5776, 0.3047,
0.2934


 17.0982, 0.2906,
0.2449


 53.8659, 0.2981,
0.2692

 10.3045, 0.2860,
0.2319


 72.8654, 0.2997,
0.2745

 5.6013, 0.2794,
0.2142


 95.8774, 0.3009,
0.2789

 2.6042, 0.2689,
0.1892

123.2862, 0.3019,
0.2826

 0.9288, 0.2503,
0.1514

155.4762, 0.3028,
0.2859

 0.0000, 0.1947,
0.0000

192.8318, 0.3035,

 0.0000, 0.0000,

0.2887

0.0000

235.7375, 0.3042,
0.2912

■ 26.3667, 0.2938,
0.2549

■ 26.3667, 0.2938,
0.2549

■ 21.3004, 0.2851,
0.2266

■ 32.3162, 0.3014,
0.2824

■ 17.0693, 0.2755,
0.1985

■ 39.1871, 0.3080,
0.3086

■ 13.6259, 0.2650,
0.1717


■ 47.0191, 0.3136,
0.3329

■ 10.9164, 0.2541,
0.1474


■ 55.8487, 0.3182,
0.3552


■ 8.8799, 0.2431,
0.1271


■ 65.7105, 0.3221,
0.3755

 7.4452, 0.2324,
0.1115

 76.6373, 0.3253,
0.3939

 6.4943, 0.2224,
0.1006

 88.6515, 0.3279,
0.4103

 6.3542, 0.2208,
0.0990

 89.7712, 0.3327,
0.4091

 90.9421, 0.3376,
0.4078

Harmonies

Analogous

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



26.3667, 0.2496, 0.2458



26.3667, 0.2938, 0.2549



26.3667, 0.3472, 0.2800

Triad

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



26.3667, 0.2938, 0.2549



26.3667, 0.4085, 0.3959



26.3667, 0.2365, 0.3347

Complementary

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



26.3667, 0.2938, 0.2549



40.7237, 0.3271, 0.4053

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.



26.3667, 0.2744, 0.3865



26.3667, 0.2938, 0.2549



26.3667, 0.3740, 0.4210

Square

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



26.3667, 0.2938, 0.2549



26.3667, 0.4167, 0.3575



26.3667, 0.3246, 0.4197



26.3667, 0.2188, 0.2866

Rectangle

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



26.3667, 0.2938, 0.2549



26.3667, 0.3802, 0.3033



26.3667, 0.3246, 0.4197



26.3667, 0.2471, 0.3526

Sweetspot

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



26.3678, 0.2938, 0.2549



69.9619, 0.3075, 0.3065



29.8585, 0.2675, 0.2828



14.7160, 0.3066, 0.3028



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



26.3678, 0.2938, 0.2549



41.8855, 0.2885, 0.2373



28.5315, 0.3204, 0.2650



8.4688, 0.3074, 0.3061



4.4734, 0.2219, 0.0996



0.1739, 0.2497, 0.1149

Inverse Universe

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



27.6081, 0.3488, 0.2992



44.5994, 0.3596, 0.2923



39.0209, 0.3058, 0.4027



8.5614, 0.3225, 0.3197



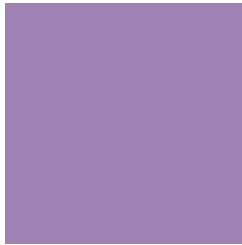
7.1312, 0.5295, 0.2690



0.2361, 0.4574, 0.2294

Previews

White Background



This preview shows how the Yxy color 26.3667, 0.2938, 0.2549 looks on a white background.

Color Contrast Check

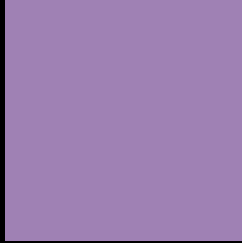
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.3667, 0.2938, 0.2549 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

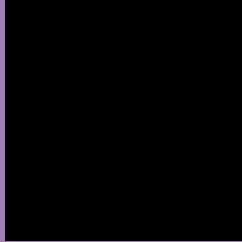
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 26.3667, 0.2938, 0.2549

Background



This preview shows how black text looks on a background with the Yxy color 26.3667, 0.2938, 0.2549.



This preview shows how white text looks on a background with the Yxy color 26.3667, 0.2938, 0.2549.

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

26.3667, 0.2938, 0.2549

Protanopia

26.5651, 0.2586, 0.2548

Deuteranopia

26.4596, 0.2717, 0.2667



Tritanopia

26.2733, 0.3225, 0.3117

Trichromacy



Original Color

26.3667, 0.2938, 0.2549

Protanomaly

26.2776, 0.2710, 0.2547

Deuteranomaly

26.4223, 0.2790, 0.2621

Tritanomaly

26.3116, 0.3123, 0.2907

Monochromacy



Original Color

26.3667, 0.2938, 0.2549

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

27.2891, 0.3055, 0.3008

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.3667, 0.2938, 0.2549 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(159, 129, 180)` looks like.

```
.text, #text, p{  
    color:rgb(159, 129, 180)  
}
```

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(159, 129, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 129, 180) }
```

Border

The CSS property to change the border of an element to Yxy 26.3667, 0.2938, 0.2549 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(159, 129, 180) }
```

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

```
.border{ border-color:rgb(159, 129, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 129, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 129, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 129, 180);  
box-shadow:4px 4px 4px 4px rgb(159, 129,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 26.3667, 0.2938, 0.2549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(159, 129, 180) }
```

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

```
.background{ background-color: rgb(159,  
129, 180) }
```

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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