

Converting Colors

$Y_{xy}(26.4379, 0.2745, 0.2850)$

Have a look what the booklet for
Yxy(26.4379, 0.2745, 0.2850)
contains.

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Color

Yxy(26.4661, 0.2748, 0.2853)

Conversions

Conversions Part 1

Format	Color
Hex	808DA8
RGB	128, 141, 168
RGB Percent	50%, 55%, 66%
CMY	0.4981, 0.4470, 0.3412
CMYK	0.24, 0.16, 0.00, 0.34
HSL	220°, 19%, 58%
HSV	220°, 24%, 66%
XYZ	25.4921, 26.4661, 40.8077
YIQ	140.1910, -16.4150, 5.6410

Conversions

Conversions Part 2

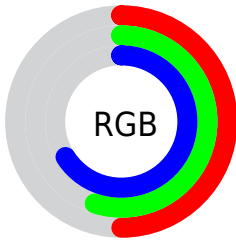
Format	Color
RYB	128, 138, 168
Decimal	8424872
CIELab	58.48, 1.43, -15.79
CIELCh	58, 15.853, 275.162
Yxy	26.4661, 0.2748, 0.2853
Android (android.graphics.Color)	4286614952 (0xFF808DA8)
YUV	140.1910, 13.7098, -10.6915
Hunter-Lab	51.4452, -1.5791, -11.0187

Details

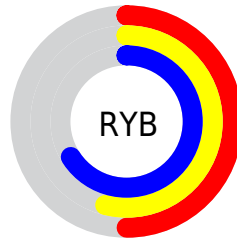
The Yxy color $26.4661, 0.2748, 0.2853$ is a dark color, and the websafe version is hex `9999CC`. A complement of this color would be $33.3139, 0.3519, 0.3692$, and the grayscale version is $26.2534, 0.3127, 0.3290$.

A 20% lighter version of the original color is $54.1817, 0.2826, 0.2951$, and $10.3628, 0.2614, 0.2699$ is the 20% darker color. If you saturate the color by 10%, you get $22.0984, 0.2574, 0.2635$, and if you desaturate by 10%, it is $31.3934, 0.2914, 0.3051$.

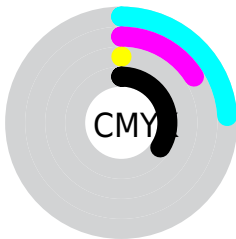
Distribution



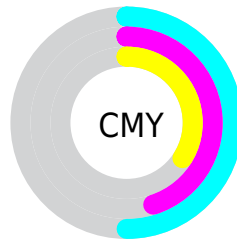
- Red (50%)
- Green (55%)
- Blue (66%)



- Red (50%)
- Yellow (54%)
- Blue (66%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (34%)



- Cyan (50%)
- Magenta (45%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 26.4661, 0.2748, 0.2853 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 26.4661, 0.2748, 0.2853 by changing the saturation by 10% instead.

■ 26.4661, 0.2748,
0.2853

■ 26.4661, 0.2748,
0.2853

■ 285.0627, 0.2954,
0.3089

■ 17.1727, 0.2691,
0.2788

■ 54.0259, 0.2827,
0.2943

■ 10.3577, 0.2614,
0.2700

■ 73.0611, 0.2855,
0.2976

■ 5.6367, 0.2504,
0.2577

■ 96.1123, 0.2879,
0.3003

■ 2.6255, 0.2337,
0.2389

■ 123.5640, 0.2899,
0.3025

■ 0.9395, 0.2055,
0.2077

■ 155.8004, 0.2915,
0.3045

■ 0.0000, 0.0000,
0.0000

193.2061, 0.2930,

0.3062

236.1654, 0.2943,
0.3076

■ 26.4661, 0.2748,
0.2853

■ 26.4661, 0.2748,
0.2853

■ 22.0984, 0.2574,
0.2635

■ 31.3934, 0.2914,
0.3051

■ 18.2663, 0.2397,
0.2400

■ 36.8969, 0.3070,
0.3228

■ 14.9487, 0.2221,
0.2151

■ 42.9962, 0.3215,
0.3385

■ 12.1216, 0.2054,
0.1896

■ 49.7091, 0.3348,
0.3523

■ 9.7589, 0.1903,
0.1643

■ 57.0527, 0.3470,
0.3644

■ 7.8317, 0.1777,
0.1404

■ 65.0432, 0.3580,
0.3749

■ 6.3068, 0.1680,
0.1190

■ 73.6965, 0.3680,
0.3841

■ 5.5307, 0.1631,
0.1071

■ 81.6016, 0.3716,
0.3935

■ 88.1741, 0.3680,
0.4038

Harmonies

Analogous

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



26.4661, 0.2633, 0.2950



26.4661, 0.2748, 0.2853



26.4661, 0.2965, 0.2868

Triad

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



26.4661, 0.2748, 0.2853



26.4661, 0.3637, 0.3398



26.4661, 0.3005, 0.3628

Complementary

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



26.4661, 0.2748, 0.2853



33.3139, 0.3519, 0.3692

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.



26.4661, 0.3273, 0.3755



26.4661, 0.2748, 0.2853



26.4661, 0.3645, 0.3606

Square

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



26.4661, 0.2748, 0.2853



26.4661, 0.3484, 0.3174



26.4661, 0.3509, 0.3742



26.4661, 0.2777, 0.3398

Rectangle

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



26.4661, 0.2748, 0.2853



26.4661, 0.3143, 0.2935



26.4661, 0.3509, 0.3742



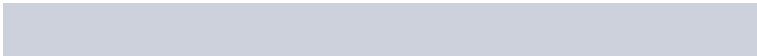
26.4661, 0.3093, 0.3685

Sweetspot

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



26.4672, 0.2748, 0.2853



63.5355, 0.3020, 0.3171



34.9461, 0.2884, 0.3501



13.7250, 0.3011, 0.3162



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.



26.4672, 0.2748, 0.2853



43.3802, 0.2649, 0.2731



23.3823, 0.2798, 0.2646



7.6846, 0.2986, 0.3133



4.2616, 0.1636, 0.1089



0.1961, 0.1826, 0.1773

Inverse Universe

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



25.6810, 0.3454, 0.3094



41.9349, 0.3559, 0.3044



37.1723, 0.3413, 0.3884



7.5811, 0.3237, 0.3217



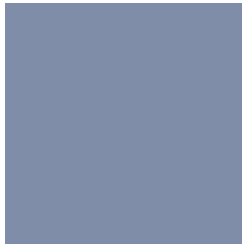
6.5013, 0.5626, 0.2873



0.1675, 0.4717, 0.2372

Previews

White Background



This preview shows how the Yxy color 26.4661, 0.2748, 0.2853 looks on a white background.

Color Contrast Check

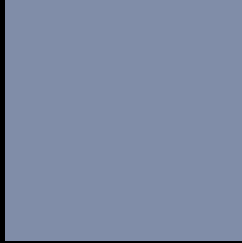
Large Text (above 18pt) WCAG AA ✓ Pass

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 26.4661, 0.2748, 0.2853 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

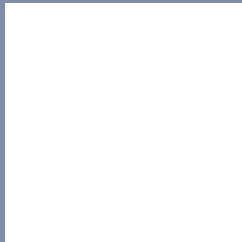
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.4661, 0.2748, 0.2853

Background



This preview shows how black text looks on a background with the Yxy color 26.4661, 0.2748, 0.2853.



This preview shows how white text looks on a background with the Yxy color 26.4661, 0.2748, 0.2853.

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

26.4661, 0.2748, 0.2853

Protanopia

26.4062, 0.2821, 0.2843

Deuteranopia

26.3313, 0.2850, 0.2788



Tritanopia

26.3715, 0.2834, 0.3088

Trichromacy



Original Color

26.4661, 0.2748, 0.2853

Protanomaly

26.4517, 0.2793, 0.2856

Deuteranomaly

26.2758, 0.2812, 0.2798

Tritanomaly

26.3197, 0.2799, 0.2991

Monochromacy



Original Color

26.4661, 0.2748, 0.2853

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.1924, 0.2987, 0.3125

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.4661, 0.2748, 0.2853 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(128, 141, 168)` looks like.

```
.text, #text, p{  
    color:rgb(128, 141, 168)  
}
```

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(128, 141, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 141, 168) }
```

Border

The CSS property to change the border of an element to Yxy 26.4661, 0.2748, 0.2853 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(128, 141, 168) }
```

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

```
.border{ border-color:rgb(128, 141, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 141, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 141, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 141, 168);  
box-shadow:4px 4px 4px 4px rgb(128, 141,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 26.4661, 0.2748, 0.2853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 141, 168) }
```

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

```
.background{ background-color: rgb(128,  
141, 168) }
```

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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