

Converting Colors

$Y_{xy}(26.1737, 0.2885, 0.3439)$

Have a look what the booklet for
Yxy(26.1737, 0.2885, 0.3439)
contains.

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Color

Yxy(26.2798, 0.2882, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	72938A
RGB	114, 147, 138
RGB Percent	45%, 58%, 54%
CMY	0.5530, 0.4235, 0.4589
CMYK	0.22, 0.00, 0.06, 0.42
HSL	164°, 13%, 51%
HSV	164°, 22%, 58%
XYZ	21.9595, 26.2798, 27.9561
YIQ	136.1070, -16.7790, -9.7950

Conversions

Conversions Part 2

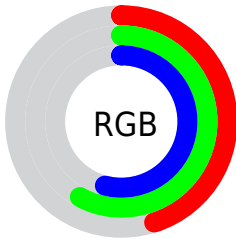
Format	Color
RYB	114, 133, 147
Decimal	7508874
CIELab	58.30, -13.46, 0.99
CIELCh	58, 13.496, 175.794
Yxy	26.2798, 0.2882, 0.3449
Android (android.graphics.Color)	4285698954 (0xFF72938A)
YUV	136.1070, 0.9332, -19.3878
Hunter-Lab	51.2638, -13.2489, 3.5516

Details

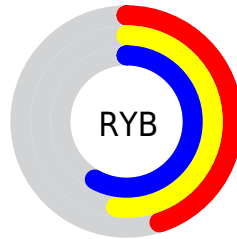
The Yxy color **26.2798, 0.2882, 0.3449** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.6676, 0.3450, 0.3137**, and the grayscale version is **24.6638, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.6419, 0.2933, 0.3419**, and **10.1941, 0.2793, 0.3504** is the 20% darker color. If you saturate the color by 10%, you get **25.2589, 0.2783, 0.3531**, and if you desaturate by 10%, it is **27.4656, 0.2988, 0.3374**.

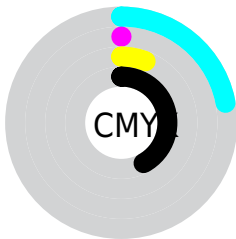
Distribution



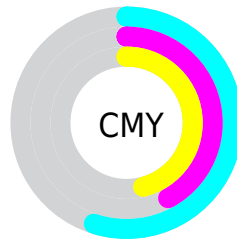
- Red (45%)
- Green (58%)
- Blue (54%)



- Red (45%)
- Yellow (52%)
- Blue (58%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (42%)





- Cyan (55%)
- Magenta (42%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.2798, 0.2882, 0.3449 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 26.2798, 0.2882, 0.3449 by changing the saturation by 10% instead.


 26.2798, 0.2882,
0.3449


 26.2798, 0.2882,
0.3449


284.1529, 0.3016,
0.3362


 17.0331, 0.2844,
0.3474


 53.7260, 0.2934,
0.3415

 10.2581, 0.2792,
0.3508


 72.6942, 0.2953,
0.3403

 5.5704, 0.2716,
0.3558

 95.6718, 0.2968,
0.3393

 2.5857, 0.2597,
0.3638

 123.0431, 0.2981,
0.3385

 0.9195, 0.2275,
0.3838

155.1924, 0.2992,
0.3378

 0.0000, 0.0000,
0.0000

192.5042, 0.3001,

0.3372

235.3629, 0.3009,
0.3366

■ 26.2798, 0.2882,
0.3449

■ 26.2798, 0.2882,
0.3449

■ 25.2589, 0.2783,
0.3531

■ 27.4656, 0.2988,
0.3374

■ 24.3921, 0.2695,
0.3618

■ 28.8201, 0.3099,
0.3306

■ 23.6722, 0.2620,
0.3711

■ 30.3511, 0.3213,
0.3244

■ 23.0902, 0.2561,
0.3807

■ 32.0650, 0.3328,
0.3189

■ 22.6362, 0.2519,
0.3907

■ 33.9676, 0.3442,
0.3140

■ 22.2986, 0.2495,
0.4007

■ 36.0648, 0.3553,
0.3097

■ 22.0642, 0.2491,
0.4107

■ 38.3619, 0.3662,
0.3060

■ 21.9276, 0.2495,
0.4183

■ 40.8643, 0.3767,
0.3027

■ 43.5770, 0.3867,
0.2998

Harmonies

Analogous

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



26.2798, 0.3095, 0.3622



26.2798, 0.2882, 0.3449



26.2798, 0.2737, 0.3234

Triad

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



26.2798, 0.2882, 0.3449



26.2798, 0.2924, 0.2913



26.2798, 0.3580, 0.3511

Complementary

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



26.2798, 0.2882, 0.3449



19.6676, 0.3450, 0.3137

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.



26.2798, 0.3532, 0.3324



26.2798, 0.2882, 0.3449



26.2798, 0.3147, 0.2987

Square

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



26.2798, 0.2882, 0.3449



26.2798, 0.2761, 0.2932



26.2798, 0.3372, 0.3135



26.2798, 0.3501, 0.3650

Rectangle

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



26.2798, 0.2882, 0.3449



26.2798, 0.2696, 0.3102



26.2798, 0.3372, 0.3135



26.2798, 0.3579, 0.3452

Sweetspot

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



26.2809, 0.2882, 0.3449



50.4328, 0.3047, 0.3337



26.3205, 0.3196, 0.3878



11.4844, 0.3041, 0.3340



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



26.2809, 0.2882, 0.3449



46.0929, 0.2831, 0.3490



24.3972, 0.2795, 0.3163



6.5355, 0.3024, 0.3351



19.0130, 0.2494, 0.4177



0.2377, 0.2365, 0.3715

Inverse Universe

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



19.6676, 0.3450, 0.3137



32.0755, 0.3545, 0.3100



21.1291, 0.3542, 0.3414



5.8399, 0.3242, 0.3230



5.5151, 0.5797, 0.2967



0.0719, 0.4746, 0.2388

Previews

White Background



This preview shows how the Yxy color 26.2798, 0.2882, 0.3449 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 26.2798, 0.2882, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

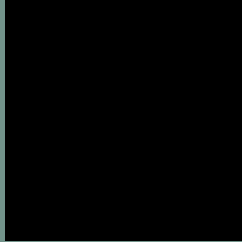
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

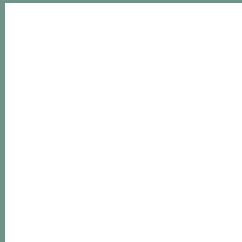
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 26.2798, 0.2882, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 26.2798, 0.2882, 0.3449.

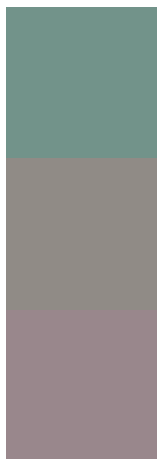


This preview shows how white text looks on a background with the Yxy color 26.2798, 0.2882, 0.3449.

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

26.2798, 0.2882, 0.3449

Protanopia

26.1158, 0.3234, 0.3373

Deuteranopia

25.9937, 0.3278, 0.3211



Tritanopia

26.1984, 0.2761, 0.3085

Trichromacy



Original Color

26.2798, 0.2882, 0.3449

Protanomaly

26.0818, 0.3100, 0.3409

Deuteranomaly

25.8183, 0.3127, 0.3290

Tritanomaly

26.2026, 0.2812, 0.3220

Monochromacy



Original Color

26.2798, 0.2882, 0.3449

Achromatopsia

24.6201, 0.3127, 0.3290

Achromatomaly

25.1515, 0.3029, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.2798, 0.2882, 0.3449 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(114, 147, 138)` looks like.

```
.text, #text, p{  
    color:rgb(114, 147, 138)  
}
```

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(114, 147, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 147, 138) }
```

Border

The CSS property to change the border of an element to Yxy 26.2798, 0.2882, 0.3449 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(114, 147, 138) }
```

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

```
.border{ border-color:rgb(114, 147, 138) }
```

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

Here you see how a box with a 4 pixel rgb(114, 147, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 147, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 147, 138);  
box-shadow:4px 4px 4px 4px rgb(114, 147,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 26.2798, 0.2882, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 147, 138) }
```

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

```
.background{ background-color: rgb(114,  
147, 138) }
```

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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