

Converting Colors

$Y_{xy}(27.9568, 0.2818, 0.3500)$

Have a look what the booklet for
Yxy(27.9568, 0.2818, 0.3500)
contains.

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Color

Yxy(27.9568, 0.2818, 0.3500)

Conversions

Conversions Part 1

Format	Color
Hex	6D998D
RGB	109, 153, 141
RGB Percent	43%, 60%, 55%
CMY	0.5724, 0.4000, 0.4470
CMYK	0.29, 0.00, 0.08, 0.40
HSL	164°, 18%, 51%
HSV	164°, 29%, 60%
XYZ	22.5092, 27.9568, 29.4106
YIQ	138.4760, -22.3720, -13.0600

Conversions

Conversions Part 2

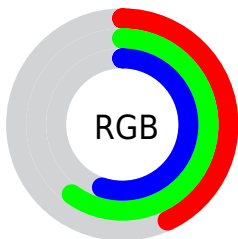
Format	Color
RYB	109, 134, 153
Decimal	7182733
CIELab	59.85, -17.59, 1.49
CIElCh	60, 17.656, 175.154
Yxy	27.9568, 0.2818, 0.3500
Android (android.graphics.Color)	4285372813 (0xFF6D998D)
YUV	138.4760, 1.2443, -25.8505
Hunter-Lab	52.8742, -16.5401, 4.0327

Details

The Yxy color **27.9568, 0.2818, 0.3500** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **19.0986, 0.3571, 0.3091**, and the grayscale version is **25.6121, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.2472, 0.2882, 0.3444**, and **11.1879, 0.2702, 0.3581** is the 20% darker color. If you saturate the color by 10%, you get **26.9483, 0.2725, 0.3586**, and if you desaturate by 10%, it is **29.1412, 0.2920, 0.3421**.

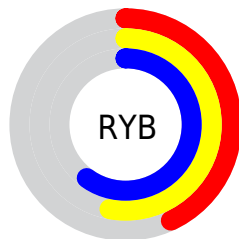
Distribution



Red (43%)

Green (60%)

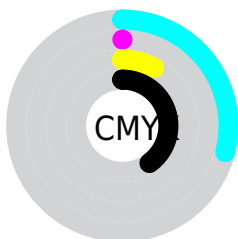
Blue (55%)



Red (43%)

Yellow (53%)

Blue (60%)

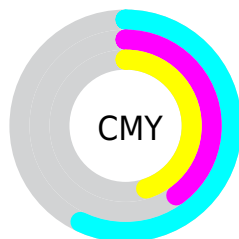


Cyan (29%)

Magenta (0%)

Yellow (8%)

Black (40%)



Cyan (57%)


Magenta (40%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9568, 0.2818, 0.3500 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 27.9568, 0.2818, 0.3500 by changing the saturation by 10% instead.


 27.9568, 0.2818,
0.3500


 27.9568, 0.2818,
0.3500


292.2604, 0.2986,
0.3385


 18.2931, 0.2771,
0.3532


 56.4155, 0.2883,
0.3456

 11.1606, 0.2707,
0.3577


 75.9792, 0.2906,
0.3440

 6.1750, 0.2616,
0.3640

 99.6118, 0.2925,
0.3427

 2.9518, 0.2474,
0.3741

 127.6975, 0.2941,
0.3416

 1.1066, 0.2167,
0.3950

160.6209, 0.2955,
0.3407

 0.0000, 0.0000,
0.0000

198.7662, 0.2967,

0.3399

242.5179, 0.2977,
0.3392

■ 27.9568, 0.2818,
0.3500

■ 27.9568, 0.2818,
0.3500

■ 26.9483, 0.2725,
0.3586

■ 29.1412, 0.2920,
0.3421

■ 26.1034, 0.2645,
0.3677

■ 30.5063, 0.3029,
0.3348

■ 25.4137, 0.2579,
0.3772

■ 32.0607, 0.3142,
0.3282

■ 24.8687, 0.2531,
0.3871

■ 33.8118, 0.3256,
0.3223

■ 24.4563, 0.2501,
0.3971

■ 35.7663, 0.3371,
0.3170

■ 24.1626, 0.2490,
0.4072

■ 37.9307, 0.3485,
0.3123

■ 23.9588, 0.2495,
0.4172

■ 40.3112, 0.3596,
0.3082

■ 23.9345, 0.2496,
0.4185

■ 42.9138, 0.3703,
0.3047

■ 45.7442, 0.3807,
0.3016

Harmonies

Analogous

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



27.9568, 0.3089, 0.3724



27.9568, 0.2818, 0.3500



27.9568, 0.2634, 0.3221

Triad

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



27.9568, 0.2818, 0.3500



27.9568, 0.2861, 0.2812



27.9568, 0.3710, 0.3563

Complementary

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



27.9568, 0.2818, 0.3500



19.0986, 0.3571, 0.3091

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.



27.9568, 0.3645, 0.3324



27.9568, 0.2818, 0.3500



27.9568, 0.3144, 0.2904

Square

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



27.9568, 0.2818, 0.3500



27.9568, 0.2658, 0.2835



27.9568, 0.3434, 0.3088



27.9568, 0.3610, 0.3746

Rectangle

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



27.9568, 0.2818, 0.3500



27.9568, 0.2580, 0.3050



27.9568, 0.3434, 0.3088



27.9568, 0.3707, 0.3486

Sweetspot

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



27.9579, 0.2818, 0.3500



54.5203, 0.3024, 0.3351



27.9867, 0.3213, 0.4067



11.9620, 0.3009, 0.3361



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



27.9579, 0.2818, 0.3500



48.9618, 0.2762, 0.3550



25.3402, 0.2705, 0.3122



6.9978, 0.3023, 0.3351



19.7885, 0.2494, 0.4178



0.3018, 0.2371, 0.3736

Inverse Universe

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



19.0986, 0.3571, 0.3091



30.6278, 0.3698, 0.3048



20.9666, 0.3694, 0.3451



6.2490, 0.3243, 0.3230



5.7388, 0.5802, 0.2970



0.0913, 0.4765, 0.2399

Previews

White Background



This preview shows how the Yxy color 27.9568, 0.2818, 0.3500 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 27.9568, 0.2818, 0.3500 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

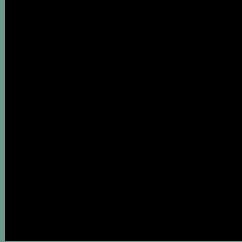
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9568, 0.2818, 0.3500

Background



This preview shows how black text looks on a background with the Yxy color 27.9568, 0.2818, 0.3500.



This preview shows how white text looks on a background with the Yxy color 27.9568, 0.2818, 0.3500.

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

27.9568, 0.2818, 0.3500

Protanopia

27.7184, 0.3251, 0.3403

Deuteranopia

27.6470, 0.3274, 0.3213



Tritanopia

27.9987, 0.2688, 0.3088

Trichromacy



Original Color

27.9568, 0.2818, 0.3500

Protanomaly

27.7707, 0.3079, 0.3440

Deuteranomaly

27.5051, 0.3095, 0.3306

Tritanomaly

27.9111, 0.2735, 0.3238

Monochromacy



Original Color

27.9568, 0.2818, 0.3500

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.0210, 0.2999, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9568, 0.2818, 0.3500 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(109, 153, 141)` looks like.

```
.text, #text, p{  
    color:rgb(109, 153, 141)  
}
```

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(109, 153, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 153, 141) }
```

Border

The CSS property to change the border of an element to Yxy 27.9568, 0.2818, 0.3500 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(109, 153, 141) }
```

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

```
.border{ border-color:rgb(109, 153, 141) }
```

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

Here you see how a box with a 4 pixel rgb(109, 153, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 153, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 153, 141);  
box-shadow:4px 4px 4px 4px rgb(109, 153,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9568, 0.2818, 0.3500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 153, 141) }
```

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

```
.background{ background-color: rgb(109,  
153, 141) }
```

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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