

Converting Colors

$Y_{xy}(27.8603, 0.2848, 0.3555)$

Have a look what the booklet for
Yxy(27.8603, 0.2848, 0.3555)
contains.

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Color

Yxy(27.9324, 0.2851, 0.3554)

Conversions

Conversions Part 1

Format	Color
Hex	6E998A
RGB	110, 153, 138
RGB Percent	43%, 60%, 54%
CMY	0.5687, 0.4000, 0.4588
CMYK	0.28, 0.00, 0.10, 0.40
HSL	159°, 17%, 52%
HSV	159°, 28%, 60%
XYZ	22.4072, 27.9324, 28.2546
YIQ	138.4330, -20.8130, -13.7810

Conversions

Conversions Part 2

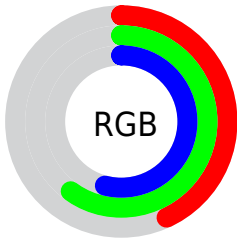
Format	Color
R_{YB}	110, 136, 153
Decimal	7248266
CIE _{Lab}	59.83, -17.97, 3.17
CIE _{LCh}	60, 18.243, 169.994
Y _{xy}	27.9324, 0.2851, 0.3554
Android (android.graphics.Color)	4285438346 (0xFF6E998A)
YUV	138.4330, -0.2135, -24.9357
Hunter-Lab	52.8511, -16.8110, 5.2989

Details

The Yxy color $27.9324, 0.2851, 0.3554$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $19.4015, 0.3514, 0.3042$, and the grayscale version is $25.5956, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.1738, 0.2914, 0.3496$, and $11.1994, 0.2759, 0.3662$ is the 20% darker color. If you saturate the color by 10%, you get $26.8847, 0.2766, 0.3665$, and if you desaturate by 10%, it is $29.1594, 0.2945, 0.3452$.

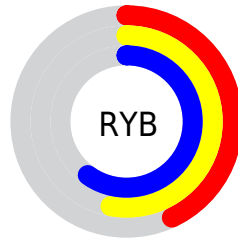
Distribution



Red (43%)

Green (60%)

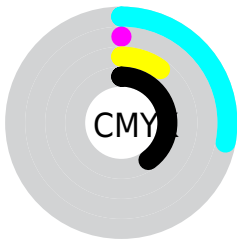
Blue (54%)



Red (43%)

Yellow (53%)

Blue (60%)

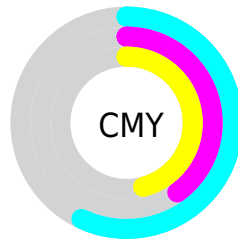


Cyan (28%)

Magenta (0%)

Yellow (10%)

Black (40%)



Cyan (57%)

Magenta (40%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9324, 0.2851, 0.3554 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 27.9324, 0.2851, 0.3554 by changing the saturation by 10% instead.

 27.9324, 0.2851,
0.3554


 27.9324, 0.2851,
0.3554


292.1438, 0.3002,
0.3409

 18.2747, 0.2809,
0.3596


 56.3765, 0.2909,
0.3498

 11.1474, 0.2751,
0.3653


 75.9317, 0.2930,
0.3478

 6.1661, 0.2667,
0.3736


 99.5548, 0.2947,
0.3461

 2.9463, 0.2537,
0.3868

 127.6303, 0.2962,
0.3447

 1.1038, 0.2237,
0.4146

160.5426, 0.2974,
0.3435

 0.0000, 0.0000,
0.0000

198.6760, 0.2984,

0.3425

242.4149, 0.2994,
0.3417

■ 27.9324, 0.2851,
0.3554

■ 27.9324, 0.2851,
0.3554

■ 26.8847, 0.2766,
0.3665

■ 29.1594, 0.2945,
0.3452

■ 26.0042, 0.2691,
0.3783

■ 30.5705, 0.3044,
0.3359

■ 25.2822, 0.2631,
0.3908

■ 32.1746, 0.3147,
0.3275

■ 24.7084, 0.2588,
0.4037

■ 33.9788, 0.3250,
0.3200

■ 24.2706, 0.2563,
0.4169

■ 35.9899, 0.3353,
0.3133

■ 23.9552, 0.2557,
0.4301

■ 38.2146, 0.3455,
0.3074

■ 23.7358, 0.2568,
0.4431

■ 40.6591, 0.3553,
0.3022

■ 23.6978, 0.2571,
0.4455

■ 43.3292, 0.3649,
0.2977

■ 46.2309, 0.3740,
0.2937

Harmonies

Analogous

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



27.9324, 0.3140, 0.3766



27.9324, 0.2851, 0.3554



27.9324, 0.2642, 0.3267

Triad

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



27.9324, 0.2851, 0.3554



27.9324, 0.2809, 0.2792



27.9324, 0.3730, 0.3531

Complementary

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



27.9324, 0.2851, 0.3554



19.4015, 0.3514, 0.3042

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.



27.9324, 0.3635, 0.3281



27.9324, 0.2851, 0.3554



27.9324, 0.3091, 0.2868

Square

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



27.9324, 0.2851, 0.3554



27.9324, 0.2618, 0.2837



27.9324, 0.3396, 0.3043



27.9324, 0.3655, 0.3735

Rectangle

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



27.9324, 0.2851, 0.3554



27.9324, 0.2571, 0.3084



27.9324, 0.3396, 0.3043



27.9324, 0.3717, 0.3449

Sweetspot

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



27.9335, 0.2851, 0.3554



54.7325, 0.3044, 0.3359



28.2732, 0.3241, 0.4042



12.0023, 0.3029, 0.3372



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.



27.9335, 0.2851, 0.3554



48.7554, 0.2794, 0.3626



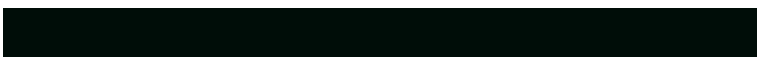
26.3428, 0.2719, 0.3177



6.9899, 0.3033, 0.3369



19.5903, 0.2568, 0.4446



0.2997, 0.2411, 0.3880

Inverse Universe

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



19.4015, 0.3514, 0.3042



30.7967, 0.3639, 0.2981



20.4900, 0.3692, 0.3400



6.2565, 0.3232, 0.3213



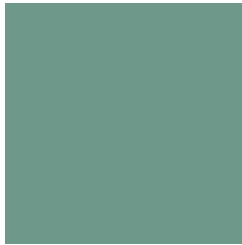
5.8183, 0.5526, 0.2818



0.0934, 0.4487, 0.2246

Previews

White Background



This preview shows how the Yxy color 27.9324, 0.2851, 0.3554 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 27.9324, 0.2851, 0.3554 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

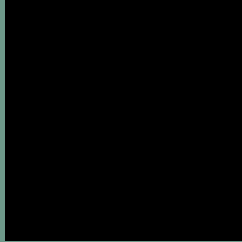
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9324, 0.2851, 0.3554

Background



This preview shows how black text looks on a background with the Yxy color 27.9324, 0.2851, 0.3554.



This preview shows how white text looks on a background with the Yxy color 27.9324, 0.2851, 0.3554.

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

27.9324, 0.2851, 0.3554

Protanopia

27.7279, 0.3293, 0.3452

Deuteranopia

27.6574, 0.3316, 0.3259



Tritanopia

28.0662, 0.2696, 0.3089

Trichromacy



Original Color

27.9324, 0.2851, 0.3554

Protanomaly

27.7676, 0.3118, 0.3491

Deuteranomaly

27.5027, 0.3135, 0.3356

Tritanomaly

27.9438, 0.2752, 0.3255

Monochromacy



Original Color

27.9324, 0.2851, 0.3554

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.0691, 0.3019, 0.3376

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9324, 0.2851, 0.3554 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(110, 153, 138)` looks like.

```
.text, #text, p{  
    color:rgb(110, 153, 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(110, 153, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(110, 153, 138) }
```

Border

The CSS property to change the border of an element to Yxy 27.9324, 0.2851, 0.3554 is called "border". The border property can be set on classes, ids or directly on the HTML element.

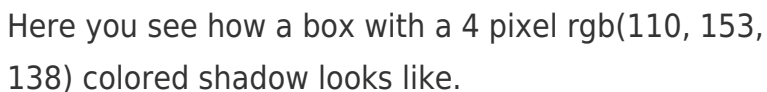
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(110, 153, 138) }
```

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

```
.border{ border-color:rgb(110, 153, 138) }
```

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



Here you see how a box with a 4 pixel `rgb(110, 153, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(110, 153, 138); -webkit-box-shadow:4px 4px 4px 4px rgb(110, 153, 138); box-shadow:4px 4px 4px 4px rgb(110, 153, 138) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9324, 0.2851, 0.3554 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(110, 153, 138) }
```

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

```
.background{ background-color: rgb(110,  
153, 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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