

Converting Colors

$Y_{xy}(25.5844, 0.2851, 0.3425)$

Have a look what the booklet for
Yxy(25.5844, 0.2851, 0.3425)
contains.

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Color

Yxy(25.4653, 0.2852, 0.3415)

Conversions

Conversions Part 1

Format	Color
Hex	6F918A
RGB	111, 145, 138
RGB Percent	44%, 57%, 54%
CMY	0.5647, 0.4313, 0.4588
CMYK	0.23, 0.00, 0.05, 0.43
HSL	168°, 13%, 50%
HSV	168°, 23%, 57%
XYZ	21.2671, 25.4653, 27.8366
YIQ	134.0360, -18.0170, -9.3850

Conversions

Conversions Part 2

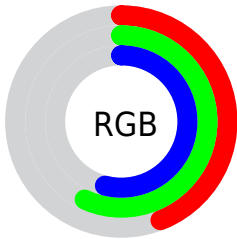
Format	Color
RYB	111, 130, 145
Decimal	7311754
CIELab	57.53, -13.38, -0.17
CIELCh	58, 13.376, 180.712
Yxy	25.4653, 0.2852, 0.3415
Android (android.graphics.Color)	4285501834 (0xFF6F918A)
YUV	134.0360, 1.9543, -20.2026
Hunter-Lab	50.4632, -13.0839, 2.6185

Details

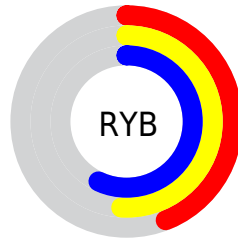
The Yxy color $25.4653, 0.2852, 0.3415$ is a dark color, and the websafe version is hex 669999 . A complement of this color would be $18.6954, 0.3498, 0.3169$, and the grayscale version is $23.8515, 0.3127, 0.3290$.

A 20% lighter version of the original color is $52.3950, 0.2911, 0.3394$, and $9.7341, 0.2750, 0.3453$ is the 20% darker color. If you saturate the color by 10%, you get $24.5155, 0.2747, 0.3476$, and if you desaturate by 10%, it is $26.5723, 0.2965, 0.3358$.

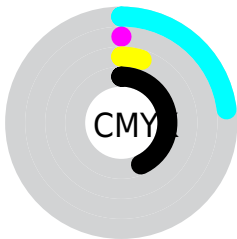
Distribution



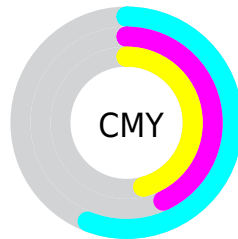
- Red (44%)
- Green (57%)
- Blue (54%)



- Red (44%)
- Yellow (51%)
- Blue (57%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (43%)





- Cyan (56%)
- Magenta (43%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.4653, 0.2852, 0.3415 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 25.4653, 0.2852, 0.3415 by changing the saturation by 10% instead.


 25.4653, 0.2852,
0.3415


 25.4653, 0.2852,
0.3415


280.1473, 0.3003,
0.3347


 16.4241, 0.2809,
0.3434


 52.4111, 0.2911,
0.3388

 9.8247, 0.2750,
0.3461


 71.0844, 0.2931,
0.3379

 5.2829, 0.2664,
0.3500

 93.7372, 0.2949,
0.3371

 2.4142, 0.2529,
0.3561

 120.7539, 0.2963,
0.3365

 0.8332, 0.2099,
0.3757

152.5188, 0.2975,
0.3359

 0.0000, 0.0000,
0.0000

189.4165, 0.2986,

0.3354

231.8312, 0.2995,
0.3350

■ 25.4653, 0.2852,
0.3415

■ 25.4653, 0.2852,
0.3415

■ 24.5155, 0.2747,
0.3476

■ 26.5723, 0.2965,
0.3358

■ 23.7124, 0.2654,
0.3541

■ 27.8402, 0.3085,
0.3307

■ 23.0490, 0.2575,
0.3610

■ 29.2765, 0.3208,
0.3260

■ 22.5165, 0.2512,
0.3681

■ 30.8873, 0.3333,
0.3218

■ 22.1053, 0.2466,
0.3754

■ 32.6785, 0.3457,
0.3181

■ 21.8041, 0.2439,
0.3828

■ 34.6555, 0.3579,
0.3148

■ 21.5998, 0.2431,
0.3901

■ 36.8237, 0.3699,
0.3119

■ 21.4930, 0.2430,
0.3949

■ 39.1882, 0.3815,
0.3094

■ 41.7537, 0.3926,
0.3072

Harmonies

Analogous

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



25.4653, 0.3057, 0.3600



25.4653, 0.2852, 0.3415



25.4653, 0.2722, 0.3200

Triad

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



25.4653, 0.2852, 0.3415



25.4653, 0.2957, 0.2919



25.4653, 0.3576, 0.3539

Complementary

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



25.4653, 0.2852, 0.3415



18.6954, 0.3498, 0.3169

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.



25.4653, 0.3550, 0.3356



25.4653, 0.2852, 0.3415



25.4653, 0.3185, 0.3007

Square

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



25.4653, 0.2852, 0.3415



25.4653, 0.2781, 0.2921



25.4653, 0.3404, 0.3164



25.4653, 0.3478, 0.3665

Rectangle

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



25.4653, 0.2852, 0.3415



25.4653, 0.2693, 0.3073



25.4653, 0.3404, 0.3164



25.4653, 0.3582, 0.3482

Sweetspot

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



25.4663, 0.2852, 0.3415



48.9813, 0.3040, 0.3325



25.2770, 0.3174, 0.3911



10.8712, 0.3034, 0.3328



72.9347, 0.3127, 0.3290



11.2805, 0.3127, 0.3290

Same Dimension

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



25.4663, 0.2852, 0.3415



44.6958, 0.2797, 0.3446



22.8544, 0.2778, 0.3115



6.0975, 0.3016, 0.3336



18.4375, 0.2429, 0.3945



0.1794, 0.2333, 0.3598

Inverse Universe

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



18.6954, 0.3498, 0.3169



30.4494, 0.3605, 0.3141



20.7525, 0.3556, 0.3458



5.4411, 0.3251, 0.3245



5.2465, 0.6002, 0.3080



0.0528, 0.5039, 0.2549

Previews

White Background



This preview shows how the Yxy color 25.4653, 0.2852, 0.3415 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 25.4653, 0.2852, 0.3415 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

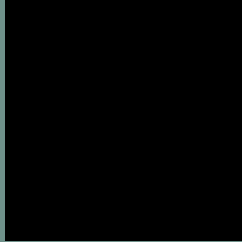
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

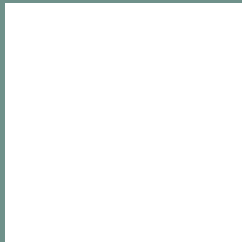
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 25.4653, 0.2852, 0.3415

Background



This preview shows how black text looks on a background with the Yxy color 25.4653, 0.2852, 0.3415.



This preview shows how white text looks on a background with the Yxy color 25.4653, 0.2852, 0.3415.

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

25.4653, 0.2852, 0.3415

Protanopia

25.2753, 0.3203, 0.3340

Deuteranopia

25.1525, 0.3246, 0.3177



Tritanopia

25.5554, 0.2740, 0.3099

Trichromacy



Original Color

25.4653, 0.2852, 0.3415

Protanomaly

25.2513, 0.3069, 0.3376

Deuteranomaly

24.9896, 0.3096, 0.3256

Tritanomaly

25.5953, 0.2783, 0.3219

Monochromacy



Original Color

25.4653, 0.2852, 0.3415

Achromatopsia

23.8398, 0.3127, 0.3290

Achromatomaly

24.3618, 0.3027, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.4653, 0.2852, 0.3415 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(111, 145, 138)` looks like.

```
.text, #text, p{  
    color:rgb(111, 145, 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(111, 145, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 145, 138) }
```

Border

The CSS property to change the border of an element to Yxy 25.4653, 0.2852, 0.3415 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(111, 145, 138) }
```

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

```
.border{ border-color:rgb(111, 145, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(111, 145, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 145, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 145, 138);  
box-shadow:4px 4px 4px 4px rgb(111, 145,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 25.4653, 0.2852, 0.3415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 145, 138) }
```

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

```
.background{ background-color: rgb(111,  
145, 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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