

Converting Colors

$Y_{xy}(25.1766, 0.2686, 0.3424)$

Have a look what the booklet for
Yxy(25.1766, 0.2686, 0.3424)
contains.

Yxy(25.0880, 0.2682, 0.3419)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

$Y_{xy}(25.0880, 0.2682, 0.3419)$

Conversions

Conversions Part 1

Format	Color
Hex	5D938C
RGB	93, 147, 140
RGB Percent	36%, 58%, 55%
CMY	0.6353, 0.4235, 0.4510
CMYK	0.37, 0.00, 0.05, 0.42
HSL	172°, 23%, 47%
HSV	172°, 37%, 58%
XYZ	19.6800, 25.0880, 28.6102
YIQ	130.0560, -29.9370, -13.6250

Conversions

Conversions Part 2

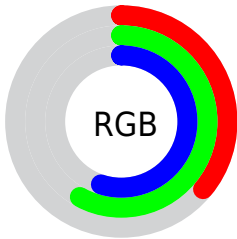
Format	Color
R_{YB}	93, 122, 147
Decimal	6132620
CIE _{Lab}	57.16, -19.55, -1.96
CIE _{LCh}	57, 19.647, 185.727
Yxy	25.0880, 0.2682, 0.3419
Android (android.graphics.Color)	4284322700 (0xFF5D938C)
YUV	130.0560, 4.9024, -32.4981
Hunter-Lab	50.0879, -17.5195, 1.1952

Details

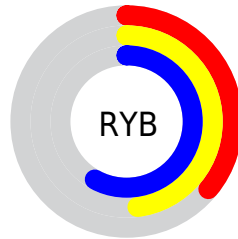
The Yxy color **25.0880, 0.2682, 0.3419** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.9516, 0.3867, 0.3169**, and the grayscale version is **22.3339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7345, 0.2782, 0.3397**, and **9.5962, 0.2518, 0.3460** is the 20% darker color. If you saturate the color by 10%, you get **24.3384, 0.2586, 0.3460**, and if you desaturate by 10%, it is **25.9880, 0.2791, 0.3380**.

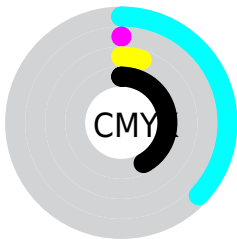
Distribution



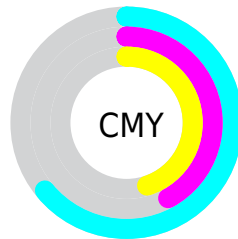
- Red (36%)
- Green (58%)
- Blue (55%)



- Red (36%)
- Yellow (48%)
- Blue (58%)



- Cyan (37%)
- Magenta (0%)
- Yellow (5%)
- Black (42%)




- Cyan (64%)
- Magenta (42%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0880, 0.2682, 0.3419 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 25.0880, 0.2682, 0.3419 by changing the saturation by 10% instead.


 25.0880, 0.2682,
0.3419


 25.0880, 0.2682,
0.3419


278.2759, 0.2926,
0.3350


 16.1426, 0.2613,
0.3438


 51.7999, 0.2776,
0.3393


 9.6251, 0.2519,
0.3463


 70.3353, 0.2810,
0.3383

 5.1511, 0.2383,
0.3498

 92.8361, 0.2838,
0.3375

 2.3362, 0.2171,
0.3551

 119.6868, 0.2861,
0.3369

 0.7928, 0.1335,
0.3830

151.2717, 0.2881,
0.3363

 0.0000, 0.0000,
0.0000

187.9753, 0.2898,

0.3358

230.1819, 0.2913,
0.3354

■ 25.0880, 0.2682,
0.3419

■ 25.0880, 0.2682,
0.3419

■ 24.3384, 0.2586,
0.3460

■ 25.9880, 0.2791,
0.3380

■ 23.7278, 0.2506,
0.3503

■ 27.0433, 0.2910,
0.3344

■ 23.2477, 0.2443,
0.3546

■ 28.2621, 0.3038,
0.3311

■ 22.8878, 0.2399,
0.3591

■ 29.6513, 0.3171,
0.3280

■ 22.6359, 0.2372,
0.3635

■ 31.2171, 0.3307,
0.3253

■ 22.4723, 0.2362,
0.3679

■ 32.9658, 0.3443,
0.3229

■ 22.4250, 0.2359,
0.3694

■ 34.9031, 0.3579,
0.3207

■ 37.0345, 0.3712,
0.3188

■ 39.3653, 0.3842,
0.3172

Harmonies

Analogous

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



25.0880, 0.2964, 0.3717



25.0880, 0.2682, 0.3419



25.0880, 0.2521, 0.3099

Triad

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



25.0880, 0.2682, 0.3419



25.0880, 0.2927, 0.2767



25.0880, 0.3779, 0.3686

Complementary

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



25.0880, 0.2682, 0.3419



14.9516, 0.3867, 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.



25.0880, 0.3774, 0.3425



25.0880, 0.2682, 0.3419



25.0880, 0.3267, 0.2913

Square

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



25.0880, 0.2682, 0.3419



25.0880, 0.2656, 0.2743



25.0880, 0.3583, 0.3147



25.0880, 0.3602, 0.3861

Rectangle

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



25.0880, 0.2682, 0.3419



25.0880, 0.2497, 0.2924



25.0880, 0.3583, 0.3147



25.0880, 0.3799, 0.3605

Sweetspot

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



25.0890, 0.2682, 0.3419



49.5936, 0.2980, 0.3325



24.3798, 0.3147, 0.4338



11.2608, 0.2964, 0.3329



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.



25.0890, 0.2682, 0.3419



43.8108, 0.2603, 0.3452



19.6644, 0.2575, 0.2911



6.5494, 0.3006, 0.3319



19.4423, 0.2359, 0.3691



0.2409, 0.2299, 0.3475

Inverse Universe

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



14.9516, 0.3867, 0.3169



22.9540, 0.4120, 0.3143



18.7591, 0.3857, 0.3637



5.8269, 0.3263, 0.3262



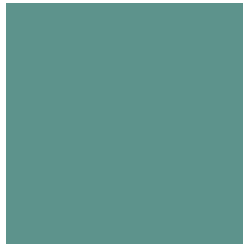
5.4211, 0.6193, 0.3185



0.0687, 0.5444, 0.2772

Previews

White Background



This preview shows how the Yxy color 25.0880, 0.2682, 0.3419 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 25.0880, 0.2682, 0.3419 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

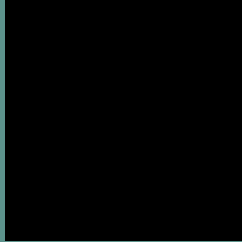
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.0880, 0.2682, 0.3419

Background



This preview shows how black text looks on a background with the Yxy color 25.0880, 0.2682, 0.3419.



This preview shows how white text looks on a background with the Yxy color 25.0880, 0.2682, 0.3419.

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

25.0880, 0.2682, 0.3419

Protanopia

24.9050, 0.3193, 0.3324

Deuteranopia

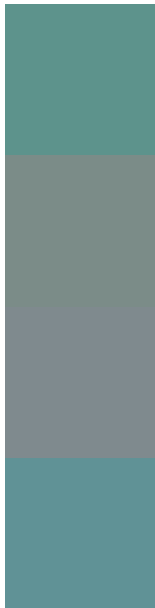
24.9613, 0.3180, 0.3128



Tritanopia

25.1925, 0.2585, 0.3093

Trichromacy



Original Color

25.0880, 0.2682, 0.3419

Protanomaly

24.7447, 0.2986, 0.3360

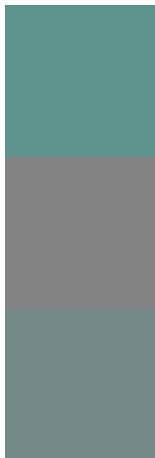
Deuteranomaly

24.6420, 0.2970, 0.3221

Tritanomaly

25.2466, 0.2625, 0.3216

Monochromacy



Original Color

25.0880, 0.2682, 0.3419

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.1115, 0.2942, 0.3326

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0880, 0.2682, 0.3419 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(93, 147, 140)` looks like.

```
.text, #text, p{  
    color:rgb(93, 147, 140)  
}
```

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(93, 147, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 147, 140) }
```

Border

The CSS property to change the border of an element to Yxy 25.0880, 0.2682, 0.3419 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(93, 147, 140) }
```

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

```
.border{ border-color:rgb(93, 147, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 147, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 147, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 147, 140);  
box-shadow:4px 4px 4px 4px rgb(93, 147,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0880, 0.2682, 0.3419 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 147, 140) }
```

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

```
.background{ background-color: rgb(93, 147,  
140) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor