

Converting Colors

$Y_{xy}(25.0223, 0.2559, 0.3229)$

Have a look what the booklet for
Yxy(25.0223, 0.2559, 0.3229)
contains.

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Color

$Y_{xy}(25.0957, 0.2560, 0.3233)$

Conversions

Conversions Part 1

Format	Color
Hex	579396
RGB	87, 147, 150
RGB Percent	34%, 58%, 59%
CMY	0.6587, 0.4235, 0.4117
CMYK	0.42, 0.02, 0.00, 0.41
HSL	183°, 27%, 46%
HSV	183°, 42%, 59%
XYZ	19.8716, 25.0957, 32.6562
YIQ	129.4020, -36.7230, -11.7870

Conversions

Conversions Part 2

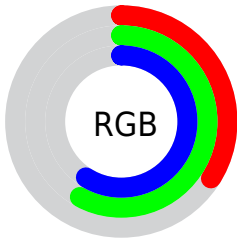
Format	Color
RYB	87, 118, 150
Decimal	5739414
CIELab	57.17, -18.62, -7.72
CIELCh	57, 20.162, 202.520
Yxy	25.0957, 0.2560, 0.3233
Android (android.graphics.Color)	4283929494 (0xFF579396)
YUV	129.4020, 10.1548, -37.1866
Hunter-Lab	50.0956, -16.8610, -3.5829

Details

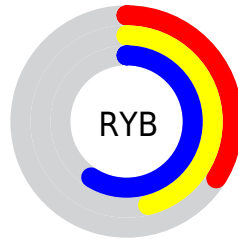
The Yxy color **25.0957, 0.2560, 0.3233** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **14.4932, 0.4145, 0.3345**, and the grayscale version is **22.0773, 0.3127, 0.3290**.

A 20% lighter version of the original color is **51.7084, 0.2676, 0.3249**, and **9.5899, 0.2359, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **24.2252, 0.2458, 0.3218**, and if you desaturate by 10%, it is **26.1197, 0.2678, 0.3248**.

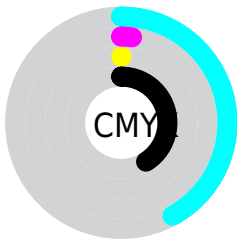
Distribution



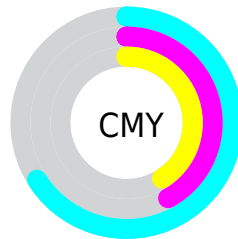
- Red (34%)
- Green (58%)
- Blue (59%)



- Red (34%)
- Yellow (46%)
- Blue (59%)



- Cyan (42%)
- Magenta (2%)
- Yellow (0%)
- Black (41%)





- Cyan (66%)
- Magenta (42%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.0957, 0.2560, 0.3233 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 25.0957, 0.2560, 0.3233 by changing the saturation by 10% instead.


 25.0957, 0.2560,
0.3233


 25.0957, 0.2560,
0.3233


278.3142, 0.2868,
0.3270


 16.1484, 0.2474,
0.3220


 51.8124, 0.2678,
0.3249


 9.6292, 0.2359,
0.3200


 70.3506, 0.2721,
0.3254

 5.1538, 0.2194,
0.3168

 92.8546, 0.2756,
0.3258

 2.3378, 0.1943,
0.3108

 119.7086, 0.2785,
0.3262

 0.7936, 0.1167,
0.3091

151.2972, 0.2810,
0.3264

 0.0000, 0.0000,
0.0000

188.0048, 0.2832,

0.3267

230.2156, 0.2851,
0.3269

■ 25.0957, 0.2560,
0.3233

■ 25.0957, 0.2560,
0.3233

■ 24.2252, 0.2458,
0.3218

■ 26.1197, 0.2678,
0.3248

■ 23.4957, 0.2372,
0.3202

■ 27.3027, 0.2808,
0.3262

■ 22.8979, 0.2305,
0.3186

■ 28.6537, 0.2949,
0.3275

■ 22.4200, 0.2256,
0.3170

■ 30.1800, 0.3097,
0.3288

■ 22.0479, 0.2224,
0.3155

■ 31.8885, 0.3250,
0.3299

■ 21.7966, 0.2206,
0.3143

■ 33.7860, 0.3405,
0.3309

■ 35.8785, 0.3560,
0.3318

■ 38.1720, 0.3712,
0.3326

■ 40.6723, 0.3861,
0.3334

Harmonies

Analogous

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



25.0957, 0.2786, 0.3567



25.0957, 0.2560, 0.3233



25.0957, 0.2481, 0.2940

Triad

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



25.0957, 0.2560, 0.3233



25.0957, 0.3114, 0.2824



25.0957, 0.3714, 0.3812

Complementary

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



25.0957, 0.2560, 0.3233



14.4932, 0.4145, 0.3345

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.



25.0957, 0.3819, 0.3583



25.0957, 0.2560, 0.3233



25.0957, 0.3462, 0.3029

Square

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



25.0957, 0.2560, 0.3233



25.0957, 0.2786, 0.2726



25.0957, 0.3726, 0.3300



25.0957, 0.3451, 0.3911

Rectangle

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



25.0957, 0.2560, 0.3233



25.0957, 0.2517, 0.2806



25.0957, 0.3726, 0.3300



25.0957, 0.3770, 0.3746

Sweetspot

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



25.0967, 0.2560, 0.3233



50.2381, 0.2931, 0.3274



24.5680, 0.3052, 0.4503



11.0226, 0.2902, 0.3271



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.



25.0967, 0.2560, 0.3233



42.8860, 0.2467, 0.3219



16.8178, 0.2465, 0.2635



6.5151, 0.2990, 0.3279



18.0875, 0.2207, 0.3144



0.2332, 0.2228, 0.3221

Inverse Universe

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



15.4124, 0.3215, 0.2331



23.6549, 0.3235, 0.2146



20.7563, 0.3923, 0.3860



5.9044, 0.3144, 0.3082



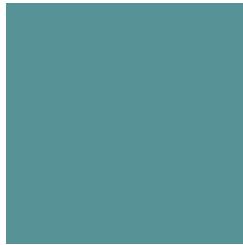
7.0193, 0.3330, 0.1608



0.0871, 0.3264, 0.1572

Previews

White Background



This preview shows how the Yxy color 25.0957, 0.2560, 0.3233 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 25.0957, 0.2560, 0.3233 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 25.0957, 0.2560, 0.3233

Background



This preview shows how black text looks on a background with the Yxy color 25.0957, 0.2560, 0.3233.

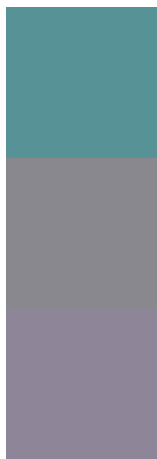


This preview shows how white text looks on a background with the Yxy color 25.0957, 0.2560, 0.3233.

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

25.0957, 0.2560, 0.3233

Protanopia

24.9099, 0.3067, 0.3173

Deuteranopia

24.8257, 0.3021, 0.2966



Tritanopia

25.1502, 0.2514, 0.3073

Trichromacy



Original Color

25.0957, 0.2560, 0.3233

Protanomaly

24.7534, 0.2853, 0.3185

Deuteranomaly

24.5815, 0.2826, 0.3049

Tritanomaly

24.9990, 0.2528, 0.3125

Monochromacy



Original Color

25.0957, 0.2560, 0.3233

Achromatopsia

21.9526, 0.3127, 0.3290

Achromatomaly

22.9919, 0.2882, 0.3271

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.0957, 0.2560, 0.3233 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(87, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(87, 147, 150)  
}
```

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(87, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 147, 150) }
```

Border

The CSS property to change the border of an element to Yxy 25.0957, 0.2560, 0.3233 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(87, 147, 150) }
```

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

```
.border{ border-color:rgb(87, 147, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 147, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 147, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 147, 150);  
box-shadow:4px 4px 4px 4px rgb(87, 147,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 25.0957, 0.2560, 0.3233 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 147, 150) }
```

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

```
.background{ background-color: rgb(87, 147,  
150) }
```

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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