

Converting Colors

$Y_{xy}(25.7882, 0.2570, 0.3181)$

Have a look what the booklet for
Yxy(25.7882, 0.2570, 0.3181)
contains.

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Color

Yxy(25.7882, 0.2570, 0.3181)

Conversions

Conversions Part 1

Format	Color
Hex	5C949A
RGB	92, 148, 154
RGB Percent	36%, 58%, 60%
CMY	0.6392, 0.4196, 0.3961
CMYK	0.40, 0.04, 0.00, 0.40
HSL	186°, 25%, 48%
HSV	186°, 40%, 60%
XYZ	20.8349, 25.7882, 34.4464
YIQ	131.9400, -35.3020, -10.0060

Conversions

Conversions Part 2

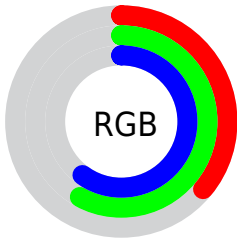
Format	Color
R_{YB}	92, 121, 154
Decimal	6067354
CIE _{Lab}	57.84, -16.78, -8.98
CIE _{LCh}	58, 19.029, 208.142
Yxy	25.7882, 0.2570, 0.3181
Android (android.graphics.Color)	4284257434 (0xFF5C949A)
YUV	131.9400, 10.8756, -35.0274
Hunter-Lab	50.7821, -15.6337, -4.6700

Details

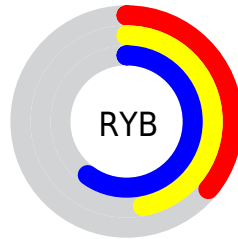
The Yxy color **25.7882, 0.2570, 0.3181** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **16.3729, 0.4067, 0.3394**, and the grayscale version is **23.0210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **52.8149, 0.2685, 0.3210**, and **9.9600, 0.2372, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **24.6118, 0.2460, 0.3150**, and if you desaturate by 10%, it is **27.1338, 0.2694, 0.3211**.

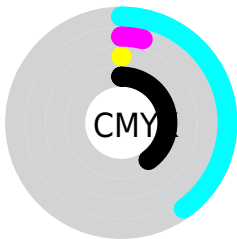
Distribution



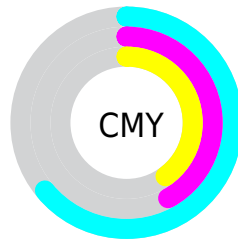
- Red (36%)
- Green (58%)
- Blue (60%)



- Red (36%)
- Yellow (47%)
- Blue (60%)



- Cyan (40%)
- Magenta (4%)
- Yellow (0%)
- Black (40%)




- Cyan (64%)
- Magenta (42%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.7882, 0.2570, 0.3181 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 25.7882, 0.2570, 0.3181 by changing the saturation by 10% instead.


 25.7882, 0.2570,
0.3181


 25.7882, 0.2570,
0.3181


281.7408, 0.2871,
0.3246


 16.6653, 0.2487,
0.3160

 52.9331, 0.2685,
0.3208

 9.9961, 0.2375,
0.3130


 71.7238, 0.2727,
0.3217

 5.3964, 0.2217,
0.3083

 94.5059, 0.2761,
0.3224

 2.4817, 0.1977,
0.3002

 121.6637, 0.2790,
0.3230

 0.8674, 0.1387,
0.2900

153.5818, 0.2815,
0.3235

 0.0000, 0.0000,
0.0000

190.6444, 0.2836,

0.3240

233.2359, 0.2855,
0.3243

■ 25.7882, 0.2570,
0.3181

■ 25.7882, 0.2570,
0.3181

■ 24.6118, 0.2460,
0.3150

■ 27.1338, 0.2694,
0.3211

■ 23.5918, 0.2365,
0.3118

■ 28.6546, 0.2830,
0.3239

■ 22.7181, 0.2289,
0.3085


■ 30.3599, 0.2974,
0.3265

■ 21.9785, 0.2231,
0.3052

■ 32.2577, 0.3123,
0.3289


■ 21.3584, 0.2190,
0.3020

■ 34.3551, 0.3276,
0.3311

 20.8342, 0.2164,
0.2989

 36.6593, 0.3429,
0.3331

 39.1768, 0.3581,
0.3349

 41.9138, 0.3729,
0.3364

 44.8766, 0.3874,
0.3378

Harmonies

Analogous

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



25.7882, 0.2759, 0.3493



25.7882, 0.2570, 0.3181



25.7882, 0.2523, 0.2923

Triad

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



25.7882, 0.2570, 0.3181



25.7882, 0.3178, 0.2882



25.7882, 0.3640, 0.3808

Complementary

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



25.7882, 0.2570, 0.3181



16.3729, 0.4067, 0.3394

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.



25.7882, 0.3769, 0.3613



25.7882, 0.2570, 0.3181



25.7882, 0.3496, 0.3090

Square

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



25.7882, 0.2570, 0.3181



25.7882, 0.2861, 0.2769



25.7882, 0.3717, 0.3352



25.7882, 0.3375, 0.3869

Rectangle

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



25.7882, 0.2570, 0.3181



25.7882, 0.2576, 0.2812



25.7882, 0.3717, 0.3352



25.7882, 0.3702, 0.3755

Sweetspot

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



25.7892, 0.2570, 0.3181



54.5183, 0.2945, 0.3260



26.2489, 0.3030, 0.4386



12.2544, 0.2927, 0.3257



78.7412, 0.3127, 0.3290



13.2868, 0.3127, 0.3290

Same Dimension

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



25.7892, 0.2570, 0.3181



44.9769, 0.2473, 0.3154



17.5235, 0.2482, 0.2604



6.9246, 0.2989, 0.3268



17.0052, 0.2164, 0.2991



0.2799, 0.2204, 0.3135

Inverse Universe

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



16.6605, 0.3251, 0.2407



26.3440, 0.3283, 0.2231



23.1212, 0.3865, 0.3886



6.3134, 0.3151, 0.3091



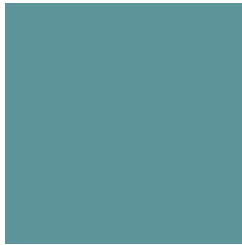
7.1220, 0.3462, 0.1681



0.1091, 0.3337, 0.1612

Previews

White Background



This preview shows how the Yxy color 25.7882, 0.2570, 0.3181 looks on a white background.

Color Contrast Check

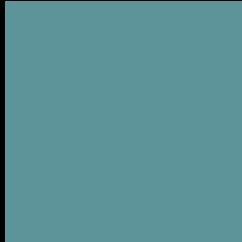
Large Text (above 18pt) WCAG AA ✓ Pass

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 25.7882, 0.2570, 0.3181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

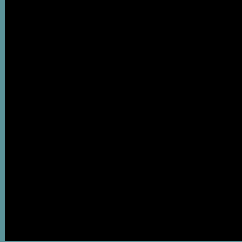
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.7882, 0.2570, 0.3181

Background



This preview shows how black text looks on a background with the Yxy color 25.7882, 0.2570, 0.3181.

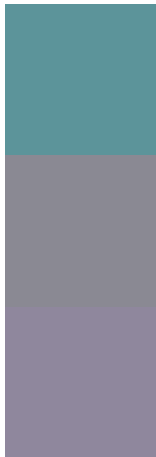


This preview shows how white text looks on a background with the Yxy color 25.7882, 0.2570, 0.3181.

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

25.7882, 0.2570, 0.3181

Protanopia

25.4012, 0.3037, 0.3124

Deuteranopia

25.6019, 0.2992, 0.2938



Tritanopia

25.6978, 0.2538, 0.3076

Trichromacy



Original Color

25.7882, 0.2570, 0.3181

Protanomaly

25.3167, 0.2837, 0.3135

Deuteranomaly

25.4416, 0.2812, 0.3020

Tritanomaly

25.6289, 0.2553, 0.3110

Monochromacy



Original Color

25.7882, 0.2570, 0.3181

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

23.8523, 0.2886, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.7882, 0.2570, 0.3181 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(92, 148, 154)` looks like.

```
.text, #text, p{  
  color:rgb(92, 148, 154)  
}
```

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(92, 148, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(92, 148, 154) }
```

Border

The CSS property to change the border of an element to Yxy 25.7882, 0.2570, 0.3181 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(92, 148, 154) }
```

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

```
.border{ border-color:rgb(92, 148, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(92, 148, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(92, 148, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(92, 148, 154);  
box-shadow:4px 4px 4px 4px rgb(92, 148,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 25.7882, 0.2570, 0.3181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(92, 148, 154) }
```

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

```
.background{ background-color: rgb(92, 148,  
154) }
```

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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