

Converting Colors

$Y_{xy}(25.8377, 0.2176, 0.2853)$

Have a look what the booklet for
Yxy(25.8377, 0.2176, 0.2853)
contains.

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Color

$Y_{xy}(25.9484, 0.2177, 0.2859)$

Conversions

Conversions Part 1

Format	Color
Hex	2398B0
RGB	35, 152, 176
RGB Percent	14%, 60%, 69%
CMY	0.8629, 0.4039, 0.3097
CMYK	0.80, 0.14, 0.00, 0.31
HSL	190°, 67%, 41%
HSV	190°, 80%, 69%
XYZ	19.7585, 25.9484, 45.0535
YIQ	119.7530, -77.4360, -17.3400

Conversions

Conversions Part 2

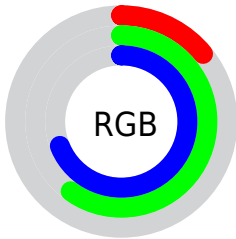
Format	Color
R _{YB}	35, 99, 176
Decimal	2332848
CIE _{Lab}	57.99, -22.72, -21.47
CIE _{LCh}	58, 31.259, 223.377
Y _{xy}	25.9484, 0.2177, 0.2859
Android (android.graphics.Color)	4280522928 (0xFF2398B0)
YUV	119.7530, 27.7298, -74.3284
Hunter-Lab	50.9396, -19.9073, -16.7813

Details

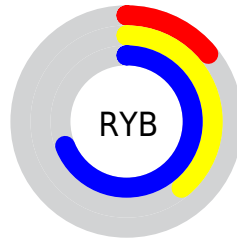
The Yxy color **25.9484, 0.2177, 0.2859** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **12.4809, 0.5616, 0.3545**, and the grayscale version is **18.6256, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.4551, 0.2365, 0.2960**, and **10.7374, 0.2092, 0.2729** is the 20% darker color. If you saturate the color by 10%, you get **24.7543, 0.2128, 0.2799**, and if you desaturate by 10%, it is **27.3233, 0.2245, 0.2920**.

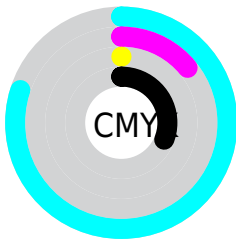
Distribution



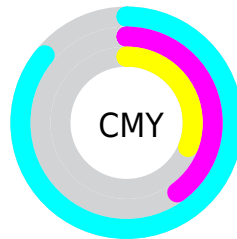
- Red (14%)
- Green (60%)
- Blue (69%)



- Red (14%)
- Yellow (39%)
- Blue (69%)



- Cyan (80%)
- Magenta (14%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (40%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 25.9484, 0.2177, 0.2859 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 25.9484, 0.2177, 0.2859 by changing the saturation by 10% instead.

25.9484, 0.2177,
0.2859

25.9484, 0.2177,
0.2859

282.5287, 0.2678,
0.3108

16.7850, 0.2045,
0.2785

53.1917, 0.2364,
0.2958

10.0814, 0.1873,
0.2683

72.0404, 0.2433,
0.2992

5.4529, 0.1642,
0.2533

94.8864, 0.2491,
0.3021

2.5154, 0.1318,
0.2298

122.1140, 0.2540,
0.3044

0.8843, 0.0629,
0.1945

154.1076, 0.2582,
0.3064

0.0000, 0.0000,
0.0000

191.2517, 0.2618,

0.3080

233.9306, 0.2650,
0.3095

■ 25.9484, 0.2177,
0.2859

■ 25.9484, 0.2177,
0.2859

■ 24.7543, 0.2128,
0.2799

■ 27.3233, 0.2245,
0.2920

■ 23.7078, 0.2094,
0.2740

■ 28.8968, 0.2331,
0.2980

■ 30.6872, 0.2435,
0.3039

■ 32.7099, 0.2553,
0.3095

■ 34.9788, 0.2685,
0.3149

■ 37.5066, 0.2826,
0.3200

■ 40.3050, 0.2974,
0.3247

■ 43.3849, 0.3125,
0.3289

■ 46.7568, 0.3278,
0.3328

Harmonies

Analogous

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



25.9484, 0.2355, 0.3346



25.9484, 0.2177, 0.2859



25.9484, 0.2225, 0.2549

Triad

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



25.9484, 0.2177, 0.2859



25.9484, 0.3477, 0.2795



25.9484, 0.3746, 0.4222

Complementary

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



25.9484, 0.2177, 0.2859



12.4809, 0.5616, 0.3545

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.



25.9484, 0.4097, 0.3967



25.9484, 0.2177, 0.2859



25.9484, 0.3949, 0.3161

Square

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



25.9484, 0.2177, 0.2859



25.9484, 0.2936, 0.2541



25.9484, 0.4181, 0.3578



25.9484, 0.3246, 0.4209

Rectangle

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



25.9484, 0.2177, 0.2859



25.9484, 0.2378, 0.2459



25.9484, 0.4181, 0.3578



25.9484, 0.3887, 0.4161

Sweetspot

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



25.9493, 0.2177, 0.2859



65.9814, 0.2765, 0.3179



31.7272, 0.2930, 0.5468



13.9573, 0.2716, 0.3161



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



25.9493, 0.2177, 0.2859



43.4345, 0.2103, 0.2754



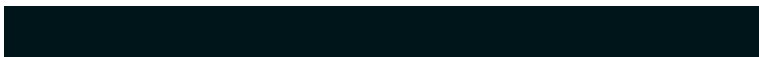
9.5247, 0.1822, 0.1503



9.3803, 0.2986, 0.3250



17.4641, 0.2096, 0.2746



0.6145, 0.2143, 0.2913

Inverse Universe

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



12.7001, 0.3568, 0.1874



20.7445, 0.3676, 0.1812



25.0559, 0.4640, 0.4461



8.6214, 0.3163, 0.3103



8.3031, 0.3685, 0.1804



0.2678, 0.3532, 0.1719

Previews

White Background



This preview shows how the Yxy color 25.9484, 0.2177, 0.2859 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 25.9484, 0.2177, 0.2859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

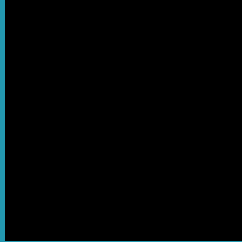
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9484, 0.2177, 0.2859

Background



This preview shows how black text looks on a background with the Yxy color 25.9484, 0.2177, 0.2859.

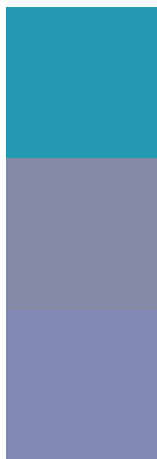


This preview shows how white text looks on a background with the Yxy color 25.9484, 0.2177, 0.2859.

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

25.9484, 0.2177, 0.2859

Protanopia

25.5500, 0.2798, 0.2821

Deuteranopia

25.6494, 0.2661, 0.2600



Tritanopia

26.0465, 0.2212, 0.3066

Trichromacy



Original Color

25.9484, 0.2177, 0.2859

Protanomaly

24.7897, 0.2475, 0.2807

Deuteranomaly

25.0336, 0.2400, 0.2667

Tritanomaly

25.9178, 0.2194, 0.2978

Monochromacy



Original Color

25.9484, 0.2177, 0.2859

Achromatopsia

18.7821, 0.3127, 0.3290

Achromatomaly

20.5198, 0.2612, 0.3133

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9484, 0.2177, 0.2859 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(35, 152, 176)` looks like.

```
.text, #text, p{  
    color:rgb(35, 152, 176)  
}
```

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(35, 152, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 152, 176) }
```

Border

The CSS property to change the border of an element to Yxy 25.9484, 0.2177, 0.2859 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(35, 152, 176) }
```

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

```
.border{ border-color:rgb(35, 152, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 152, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 152, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 152, 176);  
box-shadow:4px 4px 4px 4px rgb(35, 152,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9484, 0.2177, 0.2859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 152, 176) }
```

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

```
.background{ background-color: rgb(35, 152,  
176) }
```

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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