

Converting Colors

$Y_{xy}(25.9271, 0.2873, 0.3992)$

Have a look what the booklet for
Yxy(25.9271, 0.2873, 0.3992)
contains.

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Color

Yxy(25.9184, 0.2876, 0.4000)

Conversions

Conversions Part 1

Format	Color
Hex	5B9873
RGB	91, 152, 115
RGB Percent	36%, 60%, 45%
CMY	0.6432, 0.4039, 0.5490
CMYK	0.40, 0.00, 0.24, 0.40
HSL	144°, 25%, 48%
HSV	144°, 40%, 60%
XYZ	18.6353, 25.9184, 20.2423
YIQ	129.5430, -24.4790, -24.4390

Conversions

Conversions Part 2

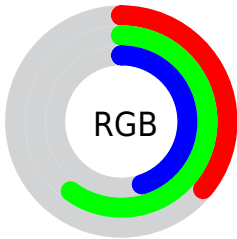
Format	Color
R_{YB}	91, 135, 152
Decimal	6002803
CIE _{Lab}	57.96, -28.32, 13.37
CIE _{LCh}	58, 31.317, 154.728
Yxy	25.9184, 0.2876, 0.4000
Android (android.graphics.Color)	4284192883 (0xFF5B9873)
YUV	129.5430, -7.1697, -33.8022
Hunter-Lab	50.9101, -23.7539, 12.0629

Details

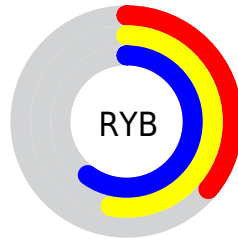
The Yxy color **25.9184, 0.2876, 0.4000** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **15.7113, 0.3509, 0.2679**, and the grayscale version is **22.1842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3450, 0.2938, 0.3842**, and **10.1637, 0.2768, 0.4301** is the 20% darker color. If you saturate the color by 10%, you get **25.0222, 0.2829, 0.4218**, and if you desaturate by 10%, it is **26.9944, 0.2932, 0.3797**.

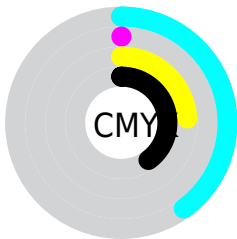
Distribution



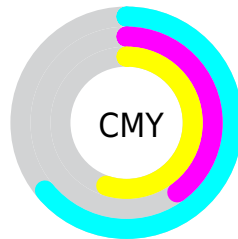
- Red (36%)
- Green (60%)
- Blue (45%)



- Red (36%)
- Yellow (53%)
- Blue (60%)



- Cyan (40%)
- Magenta (0%)
- Yellow (24%)
- Black (40%)





- Cyan (64%)
- Magenta (40%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 25.9184, 0.2876, 0.4000 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 25.9184, 0.2876, 0.4000 by changing the saturation by 10% instead.


 25.9184, 0.2876,
0.4000


 25.9184, 0.2876,
0.4000


282.3813, 0.3022,
0.3594


 16.7626, 0.2831,
0.4123


 53.1433, 0.2935,
0.3838


 10.0654, 0.2766,
0.4297

 71.9811, 0.2955,
0.3782

 5.4423, 0.2667,
0.4560

 94.8152, 0.2971,
0.3736

 2.5091, 0.2495,
0.5003

 122.0297, 0.2985,
0.3698

 0.8812, 0.1390,
0.8376

154.0092, 0.2996,
0.3666

 0.0000, 0.0000,
0.0000

191.1381, 0.3006,

0.3639

233.8006, 0.3014,
0.3615

■ 25.9184, 0.2876,
0.4000

■ 25.9184, 0.2876,
0.4000

■ 25.0222, 0.2829,
0.4218

■ 26.9944, 0.2932,
0.3797

■ 24.2925, 0.2793,
0.4445

■ 28.2563, 0.2994,
0.3611

■ 23.7191, 0.2773,
0.4677


■ 29.7138, 0.3060,
0.3443

■ 23.2895, 0.2770,
0.4905

■ 31.3751, 0.3126,
0.3292


■ 22.9889, 0.2784,
0.5122


■ 33.2477, 0.3192,
0.3159

 22.7835, 0.2811,
0.5318

 35.3388, 0.3257,
0.3042

 37.6554, 0.3320,
0.2939

 40.2040, 0.3380,
0.2849

 42.9910, 0.3437,
0.2770

Harmonies

Analogous

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



25.9184, 0.3398, 0.4249



25.9184, 0.2876, 0.4000



25.9184, 0.2445, 0.3504

Triad

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



25.9184, 0.2876, 0.4000



25.9184, 0.2390, 0.2455



25.9184, 0.4148, 0.3457

Complementary

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



25.9184, 0.2876, 0.4000



15.7113, 0.3509, 0.2679

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.



25.9184, 0.3833, 0.3047



25.9184, 0.2876, 0.4000



25.9184, 0.2791, 0.2494

Square

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



25.9184, 0.2876, 0.4000



25.9184, 0.2186, 0.2616



25.9184, 0.3320, 0.2706



25.9184, 0.4155, 0.3864

Rectangle

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



25.9184, 0.2876, 0.4000



25.9184, 0.2259, 0.3146



25.9184, 0.3320, 0.2706



25.9184, 0.4074, 0.3317

Sweetspot

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



25.9195, 0.2876, 0.4000



51.8782, 0.3046, 0.3476



27.8503, 0.3451, 0.4347



11.7207, 0.3038, 0.3495



76.7769, 0.3127, 0.3290



12.5967, 0.3127, 0.3290

Same Dimension

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



25.9195, 0.2876, 0.4000



44.3391, 0.2834, 0.4190



26.7223, 0.2641, 0.3418



6.9639, 0.3066, 0.3428



19.1074, 0.2807, 0.5305



0.2925, 0.2579, 0.4483

Inverse Universe

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



15.7113, 0.3509, 0.2679



23.8169, 0.3628, 0.2549



15.0372, 0.3985, 0.3171



6.2824, 0.3194, 0.3156



6.2534, 0.4480, 0.2242



0.1006, 0.3819, 0.1878

Previews

White Background



This preview shows how the Yxy color 25.9184, 0.2876, 0.4000 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 25.9184, 0.2876, 0.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

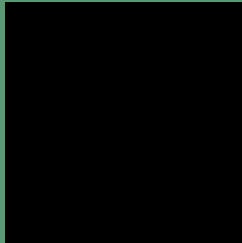
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 25.9184, 0.2876, 0.4000

Background



This preview shows how black text looks on a background with the Yxy color 25.9184, 0.2876, 0.4000.



This preview shows how white text looks on a background with the Yxy color 25.9184, 0.2876, 0.4000.

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

25.9184, 0.2876, 0.4000

Protanopia

25.5770, 0.3550, 0.3774

Deuteranopia

25.4779, 0.3589, 0.3515



Tritanopia

25.7931, 0.2604, 0.3078

Trichromacy



Original Color

25.9184, 0.2876, 0.4000

Protanomaly

25.3046, 0.3272, 0.3861

Deuteranomaly

25.1325, 0.3286, 0.3673

Tritanomaly

25.6742, 0.2701, 0.3398

Monochromacy



Original Color

25.9184, 0.2876, 0.4000

Achromatopsia

22.3228, 0.3127, 0.3290

Achromatomaly

23.3706, 0.3019, 0.3529

CSS Examples

Text

The CSS property to change the color of the text to Yxy 25.9184, 0.2876, 0.4000 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(91, 152, 115)` looks like.

```
.text, #text, p{  
    color:rgb(91, 152, 115)  
}
```

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(91, 152, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 152, 115) }
```

Border

The CSS property to change the border of an element to Yxy 25.9184, 0.2876, 0.4000 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(91, 152, 115) }
```

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

```
.border{ border-color:rgb(91, 152, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 152, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 152, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 152, 115);  
box-shadow:4px 4px 4px 4px rgb(91, 152,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 25.9184, 0.2876, 0.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 152, 115) }
```

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

```
.background{ background-color: rgb(91, 152,  
115) }
```

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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