

Converting Colors

$Y_{xy}(27.1257, 0.2867, 0.4018)$

Have a look what the booklet for
Yxy(27.1257, 0.2867, 0.4018)
contains.

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Color

Yxy(26.9512, 0.2863, 0.4010)

Conversions

Conversions Part 1

Format	Color
Hex	5B9B75
RGB	91, 155, 117
RGB Percent	36%, 61%, 46%
CMY	0.6434, 0.3921, 0.5412
CMYK	0.41, 0.00, 0.25, 0.39
HSL	144°, 26%, 48%
HSV	144°, 41%, 61%
XYZ	19.2422, 26.9512, 21.0166
YIQ	131.5320, -25.9460, -25.3860

Conversions

Conversions Part 2

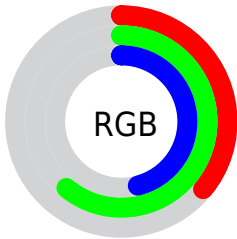
Format	Color
R_{YB}	91, 137, 155
Decimal	6003573
CIE _{Lab}	58.93, -29.38, 13.60
CIE _{LCh}	59, 32.377, 155.153
Yxy	26.9512, 0.2863, 0.4010
Android (android.graphics.Color)	4284193653 (0xFF5B9B75)
YUV	131.5320, -7.1643, -35.5466
Hunter-Lab	51.9145, -24.6891, 12.3378

Details

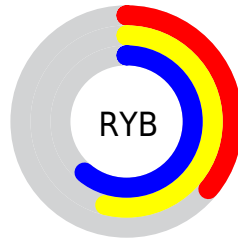
The Yxy color **26.9512, 0.2863, 0.4010** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **16.0261, 0.3538, 0.2672**, and the grayscale version is **22.9264, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.8871, 0.2926, 0.3851**, and **10.5615, 0.2745, 0.4287** is the 20% darker color. If you saturate the color by 10%, you get **26.0390, 0.2816, 0.4224**, and if you desaturate by 10%, it is **28.0496, 0.2920, 0.3809**.

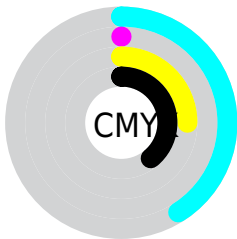
Distribution



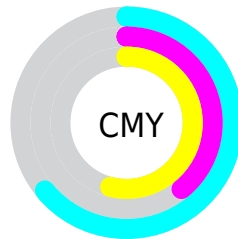
- Red (36%)
- Green (61%)
- Blue (46%)



- Red (36%)
- Yellow (54%)
- Blue (61%)



- Cyan (41%)
- Magenta (0%)
- Yellow (25%)
- Black (39%)





- Cyan (64%)
- Magenta (39%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.9512, 0.2863, 0.4010 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 26.9512, 0.2863, 0.4010 by changing the saturation by 10% instead.


 26.9512, 0.2863,
0.4010


 26.9512, 0.2863,
0.4010

287.4208, 0.3015,
0.3601


 17.5366, 0.2816,
0.4133


 54.8055, 0.2924,
0.3847


 10.6178, 0.2750,
0.4306


 74.0141, 0.2945,
0.3790

 5.8105, 0.2649,
0.4566

 97.2560, 0.2962,
0.3744

 2.7302, 0.2477,
0.4998

 124.9157, 0.2977,
0.3706

 0.9925, 0.1659,
0.7407

157.3777, 0.2989,
0.3673

 0.0000, 0.0000,
0.0000

195.0263, 0.2999,

0.3646

238.2458, 0.3008,
0.3622

■ 26.9512, 0.2863,
0.4010

■ 26.9512, 0.2863,
0.4010

■ 26.0390, 0.2816,
0.4224

■ 28.0496, 0.2920,
0.3809

■ 25.2988, 0.2781,
0.4449

■ 29.3407, 0.2983,
0.3625

■ 24.7201, 0.2762,
0.4676


■ 30.8347, 0.3050,
0.3458


■ 24.2893, 0.2761,
0.4900

■ 32.5400, 0.3118,
0.3309

■ 23.9907, 0.2777,
0.5112

■ 34.4648, 0.3186,
0.3176

 23.8061, 0.2801,
0.5283

 36.6165, 0.3253,
0.3059

 39.0025, 0.3318,
0.2957

 41.6297, 0.3381,
0.2867

 44.5045, 0.3440,
0.2788

Harmonies

Analogous

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



26.9512, 0.3395, 0.4269



26.9512, 0.2863, 0.4010



26.9512, 0.2426, 0.3500

Triad

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



26.9512, 0.2863, 0.4010



26.9512, 0.2381, 0.2438



26.9512, 0.4171, 0.3465

Complementary

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



26.9512, 0.2863, 0.4010



16.0261, 0.3538, 0.2672

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.



26.9512, 0.3854, 0.3047



26.9512, 0.2863, 0.4010



26.9512, 0.2791, 0.2482

Square

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



26.9512, 0.2863, 0.4010



26.9512, 0.2170, 0.2598



26.9512, 0.3332, 0.2699



26.9512, 0.4173, 0.3879

Rectangle

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



26.9512, 0.2863, 0.4010



26.9512, 0.2240, 0.3135



26.9512, 0.3332, 0.2699



26.9512, 0.4098, 0.3322

Sweetspot

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



26.9523, 0.2863, 0.4010



54.9554, 0.3043, 0.3472



28.8984, 0.3449, 0.4386



12.3635, 0.3035, 0.3491



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.



26.9523, 0.2863, 0.4010



46.6779, 0.2817, 0.4217



27.8253, 0.2620, 0.3403



6.9652, 0.3064, 0.3425



19.1251, 0.2796, 0.5267



0.2929, 0.2569, 0.4447

Inverse Universe

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



16.0261, 0.3538, 0.2672



24.2892, 0.3676, 0.2535



15.3118, 0.4042, 0.3185



6.2811, 0.3196, 0.3159



6.2250, 0.4531, 0.2270



0.1003, 0.3846, 0.1892

Previews

White Background



This preview shows how the Yxy color 26.9512, 0.2863, 0.4010 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 26.9512, 0.2863, 0.4010 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 26.9512, 0.2863, 0.4010

Background



This preview shows how black text looks on a background with the Yxy color 26.9512, 0.2863, 0.4010.



This preview shows how white text looks on a background with the Yxy color 26.9512, 0.2863, 0.4010.

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

26.9512, 0.2863, 0.4010

Protanopia

26.6596, 0.3551, 0.3800

Deuteranopia

26.6702, 0.3591, 0.3526



Tritanopia

26.8348, 0.2589, 0.3081

Trichromacy



Original Color

26.9512, 0.2863, 0.4010

Protanomaly

26.4172, 0.3268, 0.3869

Deuteranomaly

26.2352, 0.3282, 0.3685

Tritanomaly

26.7189, 0.2683, 0.3397

Monochromacy



Original Color

26.9512, 0.2863, 0.4010

Achromatopsia

23.0740, 0.3127, 0.3290

Achromatomaly

24.0704, 0.3010, 0.3526

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.9512, 0.2863, 0.4010 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, 155, 117)` looks like.

```
.text, #text, p{  
    color:rgb(91, 155, 117)  
}
```

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, 155, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 155, 117) }
```

Border

The CSS property to change the border of an element to Yxy 26.9512, 0.2863, 0.4010 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, 155, 117) }
```

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

```
.border{ border-color:rgb(91, 155, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 155, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 155, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 155, 117);  
box-shadow:4px 4px 4px 4px rgb(91, 155,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 26.9512, 0.2863, 0.4010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(91, 155, 117) }
```

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

```
.background{ background-color: rgb(91, 155,  
117) }
```

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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