

Converting Colors

$Y_{xy}(27.0125, 0.2959, 0.4443)$

Have a look what the booklet for
Yxy(27.0125, 0.2959, 0.4443)
contains.

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Color

Yxy(26.8806, 0.2957, 0.4436)

Conversions

Conversions Part 1

Format	Color
Hex	549D62
RGB	84, 157, 98
RGB Percent	33%, 62%, 38%
CMY	0.6705, 0.3843, 0.6157
CMYK	0.46, 0.00, 0.38, 0.38
HSL	131°, 30%, 47%
HSV	131°, 46%, 62%
XYZ	17.9184, 26.8806, 15.7975
YIQ	128.4470, -24.5690, -33.8250

Conversions

Conversions Part 2

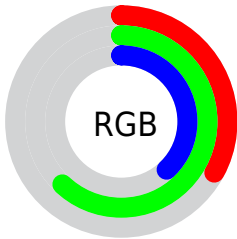
Format	Color
R_{YB}	84, 145, 157
Decimal	5545314
CIE _{Lab}	58.86, -35.99, 23.98
CIE _{LCh}	59, 43.249, 146.323
Yxy	26.8806, 0.2957, 0.4436
Android (android.graphics.Color)	4283735394 (0xFF549D62)
YUV	128.4470, -15.0104, -38.9800
Hunter-Lab	51.8465, -29.0410, 18.2270

Details

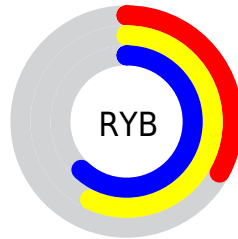
The Yxy color **26.8806, 0.2957, 0.4436** is a dark color, and the websafe version is hex **339966**. A complement of this color would be **15.4951, 0.3372, 0.2371**, and the grayscale version is **21.8110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **54.6602, 0.3011, 0.4172**, and **10.5947, 0.2857, 0.4935** is the 20% darker color. If you saturate the color by 10%, you get **26.0154, 0.2932, 0.4734**, and if you desaturate by 10%, it is **27.9484, 0.2989, 0.4149**.

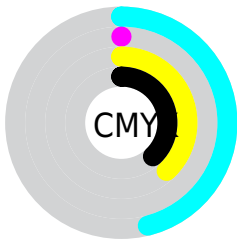
Distribution



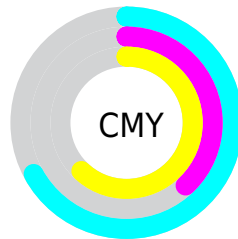
- Red (33%)
- Green (62%)
- Blue (38%)



- Red (33%)
- Yellow (57%)
- Blue (62%)



- Cyan (46%)
- Magenta (0%)
- Yellow (38%)
- Black (38%)





- Cyan (67%)
- Magenta (38%)
- Yellow (62%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 26.8806, 0.2957, 0.4436 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 26.8806, 0.2957, 0.4436 by changing the saturation by 10% instead.


 26.8806, 0.2957,
0.4436


 26.8806, 0.2957,
0.4436


287.0785, 0.3070,
0.3775


 17.4836, 0.2915,
0.4637

 54.6922, 0.3007,
0.4171


 10.5799, 0.2850,
0.4921


 73.8756, 0.3023,
0.4079

 5.7851, 0.2740,
0.5347

 97.0898, 0.3035,
0.4005

 2.7148, 0.2552,
0.6105

 124.7194, 0.3045,
0.3943

 0.9847, 0.0520,
0.9480

 157.1487, 0.3053,
0.3891

 0.0000, 0.0000,
0.0000

194.7620, 0.3060,

0.3847

237.9438, 0.3065,
0.3808

■ 26.8806, 0.2957,
0.4436

■ 26.8806, 0.2957,
0.4436

■ 26.0154, 0.2932,
0.4734

■ 27.9484, 0.2989,
0.4149

■ 25.3368, 0.2917,
0.5029

■ 29.2271, 0.3025,
0.3881

■ 24.8316, 0.2913,
0.5306


■ 30.7287, 0.3063,
0.3637


■ 24.4833, 0.2921,
0.5548


■ 32.4630, 0.3102,
0.3418

■ 24.2686, 0.2939,
0.5741


■ 34.4394, 0.3140,
0.3225

 24.2086, 0.2944,
0.5797

 36.6670, 0.3177,
0.3056

 39.1540, 0.3212,
0.2909

 41.9084, 0.3245,
0.2781

 44.9381, 0.3276,
0.2671

Harmonies

Analogous

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



26.8806, 0.3655, 0.4621



26.8806, 0.2957, 0.4436



26.8806, 0.2342, 0.3791

Triad

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



26.8806, 0.2957, 0.4436



26.8806, 0.2052, 0.2216



26.8806, 0.4441, 0.3325

Complementary

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



26.8806, 0.2957, 0.4436



15.4951, 0.3372, 0.2371

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.



26.8806, 0.3907, 0.2820



26.8806, 0.2957, 0.4436



26.8806, 0.2498, 0.2210

Square

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



26.8806, 0.2957, 0.4436



26.8806, 0.1870, 0.2481



26.8806, 0.3168, 0.2427



26.8806, 0.4556, 0.3866

Rectangle

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



26.8806, 0.2957, 0.4436



26.8806, 0.2058, 0.3273



26.8806, 0.3168, 0.2427



26.8806, 0.4303, 0.3149

Sweetspot

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



26.8817, 0.2957, 0.4436



55.6832, 0.3072, 0.3586



30.6500, 0.3651, 0.4460



12.1224, 0.3064, 0.3632



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.



26.8817, 0.2957, 0.4436



46.5092, 0.2931, 0.4751



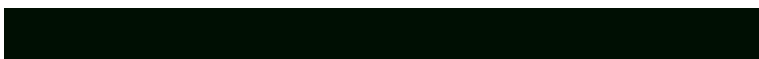
27.7181, 0.2685, 0.3719



7.4208, 0.3091, 0.3476



19.6657, 0.2941, 0.5786



0.3566, 0.2768, 0.5163

Inverse Universe

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



15.4951, 0.3372, 0.2371



23.4916, 0.3445, 0.2187



14.5755, 0.3945, 0.2913



6.7328, 0.3165, 0.3111



7.0700, 0.3749, 0.1839



0.1316, 0.3500, 0.1702

Previews

White Background



This preview shows how the Yxy color 26.8806, 0.2957, 0.4436 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 26.8806, 0.2957, 0.4436 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 26.8806, 0.2957, 0.4436

Background



This preview shows how black text looks on a background with the Yxy color 26.8806, 0.2957, 0.4436.



This preview shows how white text looks on a background with the Yxy color 26.8806, 0.2957, 0.4436.

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

26.8806, 0.2957, 0.4436

Protanopia

26.5774, 0.3785, 0.4098

Deuteranopia

26.5227, 0.3859, 0.3784



Tritanopia

26.6648, 0.2566, 0.3080

Trichromacy



Original Color

26.8806, 0.2957, 0.4436

Protanomaly

26.2648, 0.3436, 0.4226

Deuteranomaly

25.9029, 0.3486, 0.4015

Tritanomaly

26.6186, 0.2708, 0.3546

Monochromacy



Original Color

26.8806, 0.2957, 0.4436

Achromatopsia

21.5861, 0.3127, 0.3290

Achromatomaly

23.1943, 0.3054, 0.3704

CSS Examples

Text

The CSS property to change the color of the text to Yxy 26.8806, 0.2957, 0.4436 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(84, 157, 98)` looks like.

```
.text, #text, p{  
    color:rgb(84, 157, 98)  
}
```

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(84, 157, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 157, 98) }
```

Border

The CSS property to change the border of an element to Yxy 26.8806, 0.2957, 0.4436 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(84, 157, 98) }
```

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

```
.border{ border-color:rgb(84, 157, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(84, 157, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 157, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(84, 157, 98);  
box-shadow:4px 4px 4px 4px rgb(84, 157,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 26.8806, 0.2957, 0.4436 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 157, 98) }
```

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

```
.background{ background-color: rgb(84, 157,  
98) }
```

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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