

Converting Colors

$Y_{xy}(27.4669, 0.3316, 0.3819)$

Have a look what the booklet for
Yxy(27.4669, 0.3316, 0.3819)
contains.

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Color

Yxy(27.3626, 0.3313, 0.3819)

Conversions

Conversions Part 1

Format	Color
Hex	889374
RGB	136, 147, 116
RGB Percent	53%, 58%, 45%
CMY	0.4667, 0.4235, 0.5452
CMYK	0.07, 0.00, 0.21, 0.42
HSL	81°, 13%, 52%
HSV	81°, 21%, 58%
XYZ	23.7372, 27.3626, 20.5488
YIQ	140.1770, 3.3950, -11.9730

Conversions

Conversions Part 2

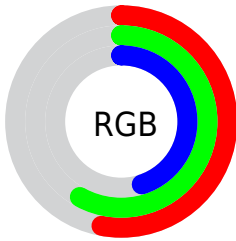
Format	Color
R_YB	116, 147, 127
Decimal	8950644
CIE Lab	59.31, -9.73, 15.12
CIE LCh	59, 17.984, 122.768
Yxy	27.3626, 0.3313, 0.3819
Android (android.graphics.Color)	4287140724 (0xFF889374)
YUV	140.1770, -11.9193, -3.6632
Hunter-Lab	52.3093, -10.5405, 13.3254

Details

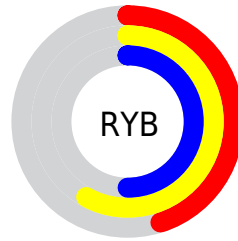
The Yxy color $27.3626, 0.3313, 0.3819$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $19.1070, 0.2912, 0.2745$, and the grayscale version is $26.3435, 0.3127, 0.3290$.

A 20% lighter version of the original color is $55.4193, 0.3273, 0.3706$, and $10.7615, 0.3370, 0.4001$ is the 20% darker color. If you saturate the color by 10%, you get $26.6217, 0.3398, 0.4089$, and if you desaturate by 10%, it is $28.1813, 0.3225, 0.3560$.

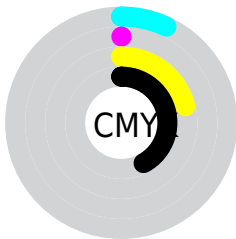
Distribution



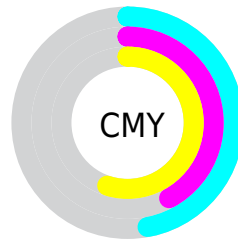
- Red (53%)
- Green (58%)
- Blue (45%)



- Red (45%)
- Yellow (58%)
- Blue (50%)



- Cyan (7%)
- Magenta (0%)
- Yellow (21%)
- Black (42%)




- Cyan (47%)
- Magenta (42%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.3626, 0.3313, 0.3819 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 27.3626, 0.3313, 0.3819 by changing the saturation by 10% instead.


 27.3626, 0.3313,
0.3819


 27.3626, 0.3313,
0.3819


289.4085, 0.3215,
0.3525


 17.8457, 0.3339,
0.3904


 55.4652, 0.3276,
0.3704

 10.8393, 0.3372,
0.4020


 74.8197, 0.3263,
0.3664

 5.9589, 0.3417,
0.4191


 98.2222, 0.3252,
0.3630

 2.8201, 0.3477,
0.4461

126.0571, 0.3242,
0.3603

 1.0385, 0.4020,
0.5628

158.7088, 0.3234,
0.3579

 0.0000, 0.0000,
0.0000

196.5616, 0.3227,

0.3559

240.0001, 0.3221,
0.3541

■ 27.3626, 0.3313,
0.3819

■ 27.3626, 0.3313,
0.3819

■ 26.6217, 0.3398,
0.4089

■ 28.1813, 0.3225,
0.3560

■ 25.9522, 0.3476,
0.4364

■ 29.0770, 0.3137,
0.3316

■ 25.3523, 0.3543,
0.4633


■ 30.0533, 0.3051,
0.3090


■ 24.8187, 0.3595,
0.4885

■ 31.1126, 0.2968,
0.2883


■ 24.3476, 0.3626,
0.5110


■ 32.2572, 0.2891,
0.2695

 23.9351, 0.3634,
0.5295


 33.4894, 0.2818,
0.2526

 23.5762, 0.3619,
0.5434

 34.8111, 0.2750,
0.2373

 23.2913, 0.3592,
0.5530

 36.2245, 0.2687,
0.2236

 37.7315, 0.2630,
0.2113

Harmonies

Analogous

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



27.3626, 0.3572, 0.3789



27.3626, 0.3313, 0.3819



27.3626, 0.3012, 0.3688

Triad

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



27.3626, 0.3313, 0.3819



27.3626, 0.2571, 0.2922



27.3626, 0.3508, 0.3140

Complementary

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



27.3626, 0.3313, 0.3819



19.1070, 0.2912, 0.2745

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.



27.3626, 0.3222, 0.2935



27.3626, 0.3313, 0.3819



27.3626, 0.2688, 0.2806

Square

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



27.3626, 0.3313, 0.3819



27.3626, 0.2593, 0.3148



27.3626, 0.2922, 0.2814



27.3626, 0.3692, 0.3388

Rectangle

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



27.3626, 0.3313, 0.3819



27.3626, 0.2830, 0.3527



27.3626, 0.2922, 0.2814



27.3626, 0.3420, 0.3065

Sweetspot

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



27.3638, 0.3313, 0.3819



51.2436, 0.3181, 0.3436



22.6029, 0.3499, 0.3475



11.6768, 0.3186, 0.3450



74.8414, 0.3127, 0.3290



11.9280, 0.3127, 0.3290

Same Dimension

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



27.3638, 0.3313, 0.3819



48.3963, 0.3351, 0.3937



26.1695, 0.3149, 0.3847



6.6426, 0.3208, 0.3512



20.2041, 0.3596, 0.5527



0.2639, 0.3879, 0.5302

Inverse Universe

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



19.1070, 0.2912, 0.2745



31.0664, 0.2858, 0.2619



20.3767, 0.3094, 0.2774



5.7272, 0.3041, 0.3065



2.4772, 0.1798, 0.0764



0.0457, 0.2283, 0.1032

Previews

White Background



This preview shows how the Yxy color 27.3626, 0.3313, 0.3819 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 27.3626, 0.3313, 0.3819 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

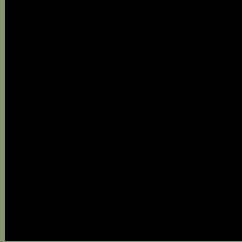
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

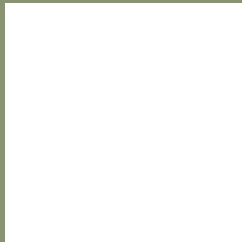
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 27.3626, 0.3313, 0.3819

Background



This preview shows how black text looks on a background with the Yxy color 27.3626, 0.3313, 0.3819.



This preview shows how white text looks on a background with the Yxy color 27.3626, 0.3313, 0.3819.

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

27.3626, 0.3313, 0.3819

Protanopia

27.1402, 0.3517, 0.3747

Deuteranopia

27.1987, 0.3656, 0.3585



Tritanopia

27.3086, 0.3010, 0.3113

Trichromacy



Original Color

27.3626, 0.3313, 0.3819

Protanomaly

27.2953, 0.3443, 0.3770

Deuteranomaly

27.2041, 0.3523, 0.3678

Tritanomaly

27.3289, 0.3114, 0.3356

Monochromacy



Original Color

27.3626, 0.3313, 0.3819

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.7726, 0.3204, 0.3491

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.3626, 0.3313, 0.3819 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(136, 147, 116)` looks like.

```
.text, #text, p{  
    color:rgb(136, 147, 116)  
}
```

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(136, 147, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(136, 147, 116) }
```

Border

The CSS property to change the border of an element to Yxy 27.3626, 0.3313, 0.3819 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(136, 147, 116) }
```

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

```
.border{ border-color:rgb(136, 147, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(136, 147, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(136, 147, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(136, 147, 116);  
box-shadow:4px 4px 4px 4px rgb(136, 147,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 27.3626, 0.3313, 0.3819 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(136, 147, 116) }
```

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

```
.background{ background-color: rgb(136,  
147, 116) }
```

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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