

Converting Colors

$Yxy(27.8146, 0.3008, 0.3814)$

Have a look what the booklet for
Yxy(27.8146, 0.3008, 0.3814)
contains.

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Color

Yxy(27.8151, 0.3007, 0.3807)

Conversions

Conversions Part 1

Format	Color
Hex	72997C
RGB	114, 153, 124
RGB Percent	45%, 60%, 49%
CMY	0.5529, 0.4000, 0.5137
CMYK	0.25, 0.00, 0.19, 0.40
HSL	135°, 16%, 52%
HSV	135°, 25%, 60%
XYZ	21.9701, 27.8151, 23.2779
YIQ	138.0330, -13.9350, -17.2870

Conversions

Conversions Part 2

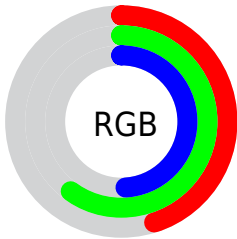
Format	Color
RYB	114, 145, 153
Decimal	7510396
CIELab	59.72, -19.53, 10.97
CIElCh	60, 22.397, 150.687
Yxy	27.8151, 0.3007, 0.3807
Android (android.graphics.Color)	4285700476 (0xFF72997C)
YUV	138.0330, -6.9183, -21.0769
Hunter-Lab	52.7400, -17.9368, 10.7492

Details

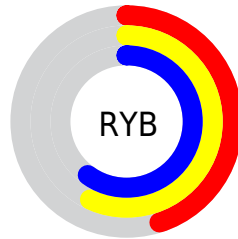
The Yxy color $27.8151, 0.3007, 0.3807$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $20.7947, 0.3274, 0.2824$, and the grayscale version is $25.4614, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.0155, 0.3035, 0.3681$, and $11.1346, 0.2960, 0.4018$ is the 20% darker color. If you saturate the color by 10%, you get $26.6029, 0.2963, 0.4050$, and if you desaturate by 10%, it is $29.2346, 0.3054, 0.3586$.

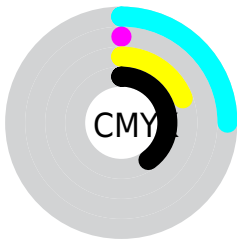
Distribution



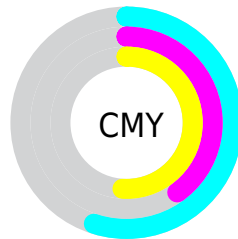
- Red (45%)
- Green (60%)
- Blue (49%)



- Red (45%)
- Yellow (57%)
- Blue (60%)



- Cyan (25%)
- Magenta (0%)
- Yellow (19%)
- Black (40%)





- Cyan (55%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.8151, 0.3007, 0.3807 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 27.8151, 0.3007, 0.3807 by changing the saturation by 10% instead.


 27.8151, 0.3007,
0.3807


 27.8151, 0.3007,
0.3807


291.5823, 0.3077,
0.3518


 18.1863, 0.2986,
0.3892


 56.1891, 0.3035,
0.3693

 11.0838, 0.2955,
0.4010


 75.7031, 0.3045,
0.3653

 6.1233, 0.2908,
0.4185

 99.2810, 0.3053,
0.3620

 2.9202, 0.2828,
0.4469

 127.3072, 0.3059,
0.3593

 1.0902, 0.2675,
0.5340

160.1660, 0.3064,
0.3570

 0.0000, 0.0000,
0.0000

198.2419, 0.3069,

0.3550

241.9192, 0.3073,
0.3533

■ 27.8151, 0.3007,
0.3807

■ 27.8151, 0.3007,
0.3807

■ 26.6029, 0.2963,
0.4050

■ 29.2346, 0.3054,
0.3586

■ 25.5847, 0.2925,
0.4312

■ 30.8668, 0.3101,
0.3389

■ 24.7513, 0.2895,
0.4586

■ 32.7213, 0.3148,
0.3214

■ 24.0912, 0.2876,
0.4864

■ 34.8063, 0.3194,
0.3060

■ 23.5917, 0.2869,
0.5133

■ 37.1292, 0.3238,
0.2926

■ 23.2381, 0.2878,
0.5379

■ 39.6973, 0.3280,
0.2809

■ 23.0114, 0.2899,
0.5589

■ 42.5176, 0.3319,
0.2708

■ 22.9301, 0.2909,
0.5672

■ 45.5967, 0.3355,
0.2620

■ 48.9410, 0.3389,
0.2543

Harmonies

Analogous

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



27.8151, 0.3378, 0.3955



27.8151, 0.3007, 0.3807



27.8151, 0.2682, 0.3492

Triad

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



27.8151, 0.3007, 0.3807



27.8151, 0.2573, 0.2700



27.8151, 0.3819, 0.3383

Complementary

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



27.8151, 0.3007, 0.3807



20.7947, 0.3274, 0.2824

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.



27.8151, 0.3578, 0.3085



27.8151, 0.3007, 0.3807



27.8151, 0.2849, 0.2703

Square

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



27.8151, 0.3007, 0.3807



27.8151, 0.2443, 0.2847



27.8151, 0.3216, 0.2842



27.8151, 0.3860, 0.3678

Rectangle

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



27.8151, 0.3007, 0.3807



27.8151, 0.2531, 0.3249



27.8151, 0.3216, 0.2842



27.8151, 0.3758, 0.3281

Sweetspot

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



27.8163, 0.3007, 0.3807



54.4571, 0.3088, 0.3439



29.8602, 0.3395, 0.3929



11.9317, 0.3082, 0.3467



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.



27.8163, 0.3007, 0.3807



48.4403, 0.2980, 0.3954



28.3520, 0.2843, 0.3458



6.9503, 0.3083, 0.3460



18.9561, 0.2905, 0.5659



0.2887, 0.2696, 0.4906

Inverse Universe

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



20.7947, 0.3274, 0.2824



33.5121, 0.3319, 0.2708



20.2601, 0.3519, 0.3129



6.2966, 0.3174, 0.3126



6.6038, 0.3964, 0.1957



0.1045, 0.3571, 0.1741

Previews

White Background



This preview shows how the Yxy color 27.8151, 0.3007, 0.3807 looks on a white background.

Color Contrast Check

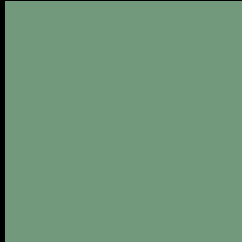
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.8151, 0.3007, 0.3807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

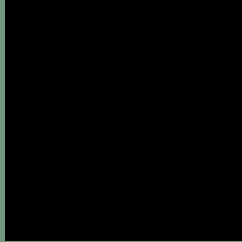
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.8151, 0.3007, 0.3807

Background



This preview shows how black text looks on a background with the Yxy color 27.8151, 0.3007, 0.3807.



This preview shows how white text looks on a background with the Yxy color 27.8151, 0.3007, 0.3807.

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

27.8151, 0.3007, 0.3807

Protanopia

27.5561, 0.3461, 0.3680

Deuteranopia

27.4958, 0.3528, 0.3462



Tritanopia

27.7828, 0.2760, 0.3090

Trichromacy



Original Color

27.8151, 0.3007, 0.3807

Protanomaly

27.6512, 0.3286, 0.3729

Deuteranomaly

27.1710, 0.3321, 0.3571

Tritanomaly

27.7708, 0.2844, 0.3341

Monochromacy



Original Color

27.8151, 0.3007, 0.3807

Achromatopsia

25.4152, 0.3127, 0.3290

Achromatomaly

26.0055, 0.3077, 0.3462

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.8151, 0.3007, 0.3807 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(114, 153, 124)` looks like.

```
.text, #text, p{  
    color:rgb(114, 153, 124)  
}
```

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(114, 153, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 153, 124) }
```

Border

The CSS property to change the border of an element to Yxy 27.8151, 0.3007, 0.3807 is called "border". The border property can be set on classes, ids or directly on the HTML element.

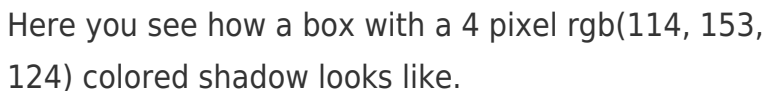
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(114, 153, 124) }
```

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

```
.border{ border-color:rgb(114, 153, 124) }
```

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



Here you see how a box with a 4 pixel `rgb(114, 153, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(114, 153, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(114, 153, 124);  
box-shadow:4px 4px 4px 4px rgb(114, 153,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 27.8151, 0.3007, 0.3807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 153, 124) }
```

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

```
.background{ background-color: rgb(114,  
153, 124) }
```

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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