

Converting Colors

$Y_{xy}(27.8425, 0.3074, 0.3768)$

Have a look what the booklet for
Yxy(27.8425, 0.3074, 0.3768)
contains.

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Color

Yxy(27.9767, 0.3075, 0.3781)

Conversions

Conversions Part 1

Format	Color
Hex	79987C
RGB	121, 152, 124
RGB Percent	47%, 60%, 49%
CMY	0.5254, 0.4039, 0.5138
CMYK	0.20, 0.00, 0.18, 0.40
HSL	126°, 13%, 54%
HSV	126°, 20%, 60%
XYZ	22.7528, 27.9767, 23.2634
YIQ	139.5390, -9.4880, -15.2800

Conversions

Conversions Part 2

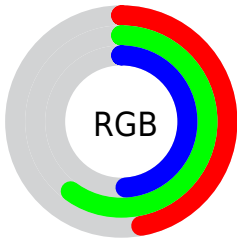
Format	Color
R_{YB}	121, 149, 152
Decimal	7968892
CIE _{Lab}	59.87, -16.56, 11.24
CIE _{LCh}	60, 20.014, 145.826
Y _{xy}	27.9767, 0.3075, 0.3781
Android (android.graphics.Color)	4286158972 (0xFF79987C)
YUV	139.5390, -7.6607, -16.2587
Hunter-Lab	52.8930, -15.7780, 10.9482

Details

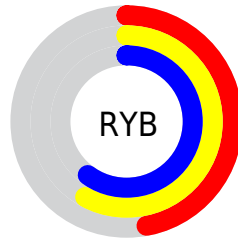
The Yxy color $27.9767, 0.3075, 0.3781$ is a dark color, and the websafe version is hex 669966 . A complement of this color would be $22.5269, 0.3183, 0.2844$, and the grayscale version is $26.0721, 0.3127, 0.3290$.

A 20% lighter version of the original color is $56.3156, 0.3087, 0.3663$, and $11.1931, 0.3053, 0.3976$ is the 20% darker color. If you saturate the color by 10%, you get $26.6407, 0.3049, 0.4066$, and if you desaturate by 10%, it is $29.5366, 0.3101, 0.3525$.

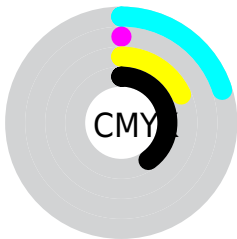
Distribution



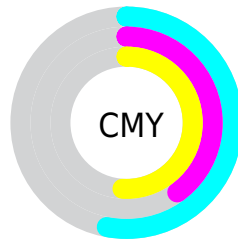
- Red (47%)
- Green (60%)
- Blue (49%)



- Red (47%)
- Yellow (58%)
- Blue (60%)



- Cyan (20%)
- Magenta (0%)
- Yellow (18%)
- Black (40%)





- Cyan (53%)
- Magenta (40%)
- Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 27.9767, 0.3075, 0.3781 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 27.9767, 0.3075, 0.3781 by changing the saturation by 10% instead.


 27.9767, 0.3075,
0.3781


 27.9767, 0.3075,
0.3781


292.3556, 0.3107,
0.3507


 18.3081, 0.3064,
0.3861


 56.4472, 0.3088,
0.3674

 11.1714, 0.3048,
0.3972


 76.0180, 0.3093,
0.3636

 6.1822, 0.3023,
0.4135


 99.6582, 0.3097,
0.3605

 2.9562, 0.2977,
0.4399

127.7523, 0.3099,
0.3579

 1.1089, 0.2954,
0.5166

160.6847, 0.3102,
0.3557

 0.0000, 0.0000,
0.0000

198.8398, 0.3104,

0.3538

242.6019, 0.3106,
0.3521

■ 27.9767, 0.3075,
0.3781

■ 27.9767, 0.3075,
0.3781

■ 26.6407, 0.3049,
0.4066

■ 29.5366, 0.3101,
0.3525

■ 25.5151, 0.3024,
0.4374

■ 31.3263, 0.3126,
0.3298

■ 24.5900, 0.3002,
0.4697

■ 33.3558, 0.3150,
0.3100

■ 23.8537, 0.2984,
0.5020

■ 35.6336, 0.3172,
0.2927


■ 23.2931, 0.2973,
0.5323


■ 38.1677, 0.3193,
0.2779

 22.8935, 0.2969,
0.5586

 40.9657, 0.3211,
0.2650

 22.6376, 0.2973,
0.5789

 44.0350, 0.3228,
0.2539

 22.4897, 0.2978,
0.5921

 47.3826, 0.3244,
0.2443

 50.4759, 0.3234,
0.2353

Harmonies

Analogous

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



27.9767, 0.3404, 0.3884



27.9767, 0.3075, 0.3781



27.9767, 0.2771, 0.3522

Triad

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



27.9767, 0.3075, 0.3781



27.9767, 0.2601, 0.2774



27.9767, 0.3719, 0.3331

Complementary

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



27.9767, 0.3075, 0.3781



22.5269, 0.3183, 0.2844

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.



27.9767, 0.3482, 0.3067



27.9767, 0.3075, 0.3781



27.9767, 0.2832, 0.2753

Square

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



27.9767, 0.3075, 0.3781



27.9767, 0.2508, 0.2930



27.9767, 0.3152, 0.2860



27.9767, 0.3787, 0.3601

Rectangle

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



27.9767, 0.3075, 0.3781



27.9767, 0.2621, 0.3308



27.9767, 0.3152, 0.2860



27.9767, 0.3656, 0.3240

Sweetspot

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



27.9779, 0.3075, 0.3781



53.4309, 0.3112, 0.3425



30.2666, 0.3397, 0.3787



12.1028, 0.3110, 0.3438



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.



27.9779, 0.3075, 0.3781



48.3728, 0.3064, 0.3894



28.3899, 0.2941, 0.3511



6.9347, 0.3104, 0.3497



18.8594, 0.2976, 0.5915



0.2842, 0.2870, 0.5532

Inverse Universe

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



22.5269, 0.3183, 0.2844



37.1482, 0.3196, 0.2752



22.0749, 0.3360, 0.3080



6.3135, 0.3151, 0.3091



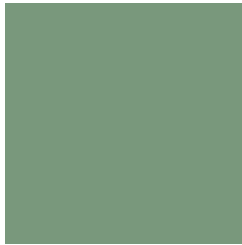
7.1256, 0.3459, 0.1679



0.1091, 0.3336, 0.1611

Previews

White Background



This preview shows how the Yxy color 27.9767, 0.3075, 0.3781 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 27.9767, 0.3075, 0.3781 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

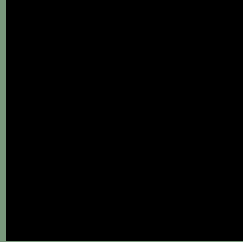
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9767, 0.3075, 0.3781

Background



This preview shows how black text looks on a background with the Yxy color 27.9767, 0.3075, 0.3781.



This preview shows how white text looks on a background with the Yxy color 27.9767, 0.3075, 0.3781.

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

27.9767, 0.3075, 0.3781

Protanopia

27.9780, 0.3459, 0.3678

Deuteranopia

27.8901, 0.3536, 0.3476



Tritanopia

27.8827, 0.2822, 0.3092

Trichromacy



Original Color

27.9767, 0.3075, 0.3781

Protanomaly

27.9106, 0.3318, 0.3724

Deuteranomaly

27.7488, 0.3352, 0.3584

Tritanomaly

27.9302, 0.2917, 0.3340

Monochromacy



Original Color

27.9767, 0.3075, 0.3781

Achromatopsia

26.2251, 0.3127, 0.3290

Achromatomaly

26.6543, 0.3109, 0.3460

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9767, 0.3075, 0.3781 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(121, 152, 124)` looks like.

```
.text, #text, p{  
    color:rgb(121, 152, 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(121, 152, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(121, 152, 124) }
```

Border

The CSS property to change the border of an element to Yxy 27.9767, 0.3075, 0.3781 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(121, 152, 124) }
```

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

```
.border{ border-color:rgb(121, 152, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(121, 152, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(121, 152, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(121, 152, 124);  
box-shadow:4px 4px 4px 4px rgb(121, 152,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9767, 0.3075, 0.3781 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(121, 152, 124) }
```

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

```
.background{ background-color: rgb(121,  
152, 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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