

Converting Colors

$Y_{xy}(27.9229, 0.3146, 0.3726)$

Have a look what the booklet for
Yxy(27.9229, 0.3146, 0.3726)
contains.

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Color

Yxy(27.9605, 0.3148, 0.3719)

Conversions

Conversions Part 1

Format	Color
Hex	81967D
RGB	129, 150, 125
RGB Percent	51%, 59%, 49%
CMY	0.4939, 0.4118, 0.5098
CMYK	0.14, 0.00, 0.17, 0.41
HSL	110°, 11%, 54%
HSV	110°, 17%, 59%
XYZ	23.6676, 27.9605, 23.5548
YIQ	140.8710, -4.4910, -12.2270

Conversions

Conversions Part 2

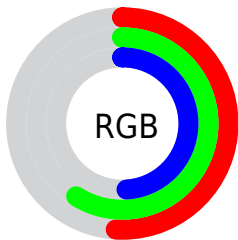
Format	Color
RYB	125, 150, 146
Decimal	8492669
CIELab	59.85, -12.39, 10.72
CIElCh	60, 16.383, 139.132
Yxy	27.9605, 0.3148, 0.3719
Android (android.graphics.Color)	4286682749 (0xFF81967D)
YUV	140.8710, -7.8244, -10.4109
Hunter-Lab	52.8777, -12.6410, 10.6032

Details

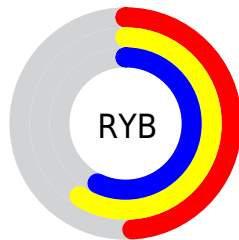
The Yxy color **27.9605, 0.3148, 0.3719** is a dark color, and the websafe version is hex **999999**. A complement of this color would be **22.9780, 0.3099, 0.2885**, and the grayscale version is **26.6195, 0.3127, 0.3290**.

A 20% lighter version of the original color is **56.3452, 0.3142, 0.3619**, and **11.1077, 0.3143, 0.3883** is the 20% darker color. If you saturate the color by 10%, you get **26.6815, 0.3157, 0.4014**, and if you desaturate by 10%, it is **29.4209, 0.3136, 0.3452**.

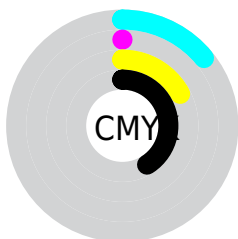
Distribution



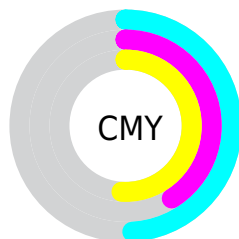
- Red (51%)
- Green (59%)
- Blue (49%)



- Red (49%)
- Yellow (59%)
- Blue (57%)



- Cyan (14%)
- Magenta (0%)
- Yellow (17%)
- Black (41%)





- Cyan (49%)
- Magenta (41%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 27.9605, 0.3148, 0.3719 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 27.9605, 0.3148, 0.3719 by changing the saturation by 10% instead.


 27.9605, 0.3148,
0.3719

 27.9605, 0.3148,
0.3719


292.2781, 0.3139,
0.3481


 18.2959, 0.3149,
0.3788


 56.4214, 0.3146,
0.3626

 11.1626, 0.3150,
0.3883


 75.9864, 0.3144,
0.3593

 6.1763, 0.3148,
0.4023

 99.6204, 0.3143,
0.3566

 2.9526, 0.3142,
0.4247

127.7077, 0.3142,
0.3543

 1.1070, 0.3221,
0.4856

160.6327, 0.3142,
0.3524

 0.0000, 0.0000,
0.0000

198.7799, 0.3141,

0.3508

242.5336, 0.3140,
0.3493

■ 27.9605, 0.3148,
0.3719

■ 27.9605, 0.3148,
0.3719

■ 26.6815, 0.3157,
0.4014

■ 29.4209, 0.3136,
0.3452

■ 25.5735, 0.3163,
0.4333

■ 31.0658, 0.3123,
0.3214

■ 24.6301, 0.3163,
0.4665

■ 32.9025, 0.3108,
0.3004

■ 23.8435, 0.3157,
0.4997

■ 34.9371, 0.3094,
0.2820

■ 23.2048, 0.3143,
0.5308

■ 37.1753, 0.3080,
0.2660

■ 22.7047, 0.3121,
0.5576

■ 39.6224, 0.3066,
0.2520

■ 22.3325, 0.3093,
0.5782

■ 42.2838, 0.3053,
0.2398

■ 22.0741, 0.3063,
0.5918

■ 45.1645, 0.3040,
0.2292

■ 22.0070, 0.3055,
0.5956

■ 47.9430, 0.3068,
0.2240

Harmonies

Analogous

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



27.9605, 0.3412, 0.3773



27.9605, 0.3148, 0.3719



27.9605, 0.2886, 0.3533

Triad

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



27.9605, 0.3148, 0.3719



27.9605, 0.2665, 0.2885



27.9605, 0.3578, 0.3276

Complementary

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



27.9605, 0.3148, 0.3719



22.9780, 0.3099, 0.2885

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.



27.9605, 0.3362, 0.3062



27.9605, 0.3148, 0.3719



27.9605, 0.2835, 0.2840

Square

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



27.9605, 0.3148, 0.3719



27.9605, 0.2615, 0.3041



27.9605, 0.3088, 0.2905



27.9605, 0.3668, 0.3503

Rectangle

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



27.9605, 0.3148, 0.3719



27.9605, 0.2747, 0.3365



27.9605, 0.3088, 0.2905



27.9605, 0.3517, 0.3201

Sweetspot

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



27.9617, 0.3148, 0.3719



52.3587, 0.3134, 0.3413



28.4685, 0.3380, 0.3626



11.5644, 0.3135, 0.3429



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.



27.9617, 0.3148, 0.3719



48.4719, 0.3152, 0.3826



27.8731, 0.3031, 0.3576



6.5108, 0.3139, 0.3517



18.2647, 0.3058, 0.5954



0.2321, 0.3273, 0.5783

Inverse Universe

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



22.9780, 0.3099, 0.2885



37.9738, 0.3091, 0.2791



23.0960, 0.3239, 0.3020



5.8622, 0.3113, 0.3070



5.4999, 0.2813, 0.1323



0.0775, 0.3018, 0.1436

Previews

White Background



This preview shows how the Yxy color 27.9605, 0.3148, 0.3719 looks on a white background.

Color Contrast Check

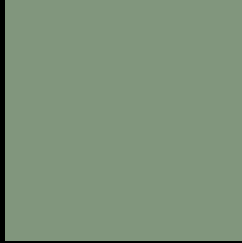
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.9605, 0.3148, 0.3719 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

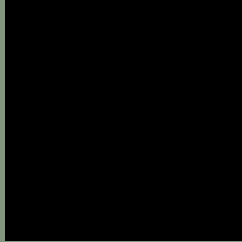
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 27.9605, 0.3148, 0.3719

Background



This preview shows how black text looks on a background with the Yxy color 27.9605, 0.3148, 0.3719.



This preview shows how white text looks on a background with the Yxy color 27.9605, 0.3148, 0.3719.

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

27.9605, 0.3148, 0.3719

Protanopia

28.0271, 0.3438, 0.3645

Deuteranopia

27.8901, 0.3536, 0.3476



Tritanopia

28.0604, 0.2905, 0.3111

Trichromacy



Original Color

27.9605, 0.3148, 0.3719

Protanomaly

27.9171, 0.3333, 0.3670

Deuteranomaly

27.7306, 0.3388, 0.3565

Tritanomaly

27.8173, 0.2994, 0.3323

Monochromacy



Original Color

27.9605, 0.3148, 0.3719

Achromatopsia

26.6356, 0.3127, 0.3290

Achromatomaly

27.0142, 0.3141, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 27.9605, 0.3148, 0.3719 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(129, 150, 125)` looks like.

```
.text, #text, p{  
    color:rgb(129, 150, 125)  
}
```

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(129, 150, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 150, 125) }
```

Border

The CSS property to change the border of an element to Yxy 27.9605, 0.3148, 0.3719 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(129, 150, 125) }
```

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

```
.border{ border-color:rgb(129, 150, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 150, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 150, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 150, 125);  
box-shadow:4px 4px 4px 4px rgb(129, 150,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 27.9605, 0.3148, 0.3719 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 150, 125) }
```

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

```
.background{ background-color: rgb(129,  
150, 125) }
```

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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