

Converting Colors

$Y_{xy}(29.3812, 0.3501, 0.4077)$

Have a look what the booklet for
Yxy(29.3812, 0.3501, 0.4077)
contains.

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Color

Yxy(29.3852, 0.3501, 0.4078)

Conversions

Conversions Part 1

Format	Color
Hex	909868
RGB	144, 152, 104
RGB Percent	56%, 60%, 41%
CMY	0.4354, 0.4039, 0.5921
CMYK	0.05, 0.00, 0.32, 0.40
HSL	70°, 19%, 50%
HSV	70°, 32%, 60%
XYZ	25.2275, 29.3852, 17.4452
YIQ	144.1360, 10.6400, -16.6240

Conversions

Conversions Part 2

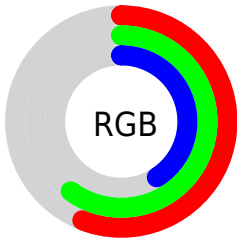
Format	Color
RYB	104, 152, 112
Decimal	9476200
CIELab	61.12, -11.09, 24.34
CIELCh	61, 26.745, 114.489
Yxy	29.3852, 0.3501, 0.4078
Android (android.graphics.Color)	4287666280 (0xFF909868)
YUV	144.1360, -19.7870, -0.1193
Hunter-Lab	54.2081, -11.7936, 18.8650

Details

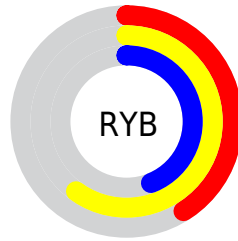
The Yxy color $29.3852, 0.3501, 0.4078$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $15.6207, 0.2674, 0.2413$, and the grayscale version is $28.0260, 0.3127, 0.3290$.

A 20% lighter version of the original color is $58.5487, 0.3425, 0.3904$, and $11.9200, 0.3617, 0.4363$ is the 20% darker color. If you saturate the color by 10%, you get $28.8786, 0.3612, 0.4331$, and if you desaturate by 10%, it is $29.9553, 0.3383, 0.3822$.

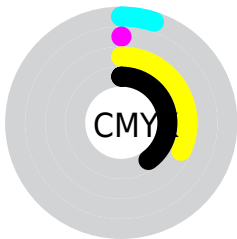
Distribution



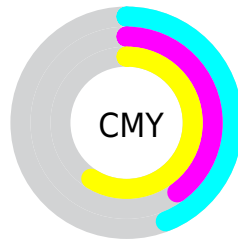
- Red (56%)
- Green (60%)
- Blue (41%)



- Red (41%)
- Yellow (60%)
- Blue (44%)



- Cyan (5%)
- Magenta (0%)
- Yellow (32%)
- Black (40%)





- Cyan (44%)
- Magenta (40%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 29.3852, 0.3501, 0.4078 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 29.3852, 0.3501, 0.4078 by changing the saturation by 10% instead.


 29.3852, 0.3501,
0.4078

 29.3852, 0.3501,
0.4078


299.0281, 0.3308,
0.3646

 19.3724, 0.3550,
0.4199


 58.6885, 0.3430,
0.3911


 11.9397, 0.3611,
0.4362


 78.7479, 0.3404,
0.3852

 6.7026, 0.3689,
0.4593


 102.9249, 0.3381,
0.3802

 3.2768, 0.3786,
0.4941

 131.6039, 0.3362,
0.3761

 1.2779, 0.4134,
0.5866

165.1693, 0.3346,
0.3726

 0.1240, 0.0000,
1.0000

204.0056, 0.3331,

 0.0000, 0.0000,

0.3695

0.0000

248.4970, 0.3319,
0.3669

■ 29.3852, 0.3501,
0.4078

■ 29.3852, 0.3501,
0.4078

■ 28.8786, 0.3612,
0.4331

■ 29.9553, 0.3383,
0.3822

■ 28.4285, 0.3712,
0.4571

■ 30.5877, 0.3264,
0.3569

■ 28.0329, 0.3794,
0.4788


■ 31.2863, 0.3145,
0.3327

■ 27.6882, 0.3856,
0.4973


■ 32.0537, 0.3031,
0.3098


■ 27.3901, 0.3894,
0.5118

■ 32.8921, 0.2922,
0.2885

 27.1338, 0.3907,
0.5219

 33.8038, 0.2821,
0.2690

 26.9395, 0.3905,
0.5281

 34.7909, 0.2726,
0.2511

 35.8554, 0.2639,
0.2349

 36.9992, 0.2560,
0.2203

Harmonies

Analogous

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



29.3852, 0.3845, 0.3953



29.3852, 0.3501, 0.4078



29.3852, 0.3071, 0.3959

Triad

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



29.3852, 0.3501, 0.4078



29.3852, 0.2326, 0.2825



29.3852, 0.3574, 0.2984

Complementary

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



29.3852, 0.3501, 0.4078



15.6207, 0.2674, 0.2413

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.



29.3852, 0.3136, 0.2727



29.3852, 0.3501, 0.4078



29.3852, 0.2437, 0.2624

Square

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



29.3852, 0.3501, 0.4078



29.3852, 0.2409, 0.3184



29.3852, 0.2723, 0.2596



29.3852, 0.3899, 0.3318

Rectangle

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



29.3852, 0.3501, 0.4078



29.3852, 0.2796, 0.3747



29.3852, 0.2723, 0.2596



29.3852, 0.3433, 0.2887

Sweetspot

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



29.3865, 0.3501, 0.4078



54.2691, 0.3235, 0.3510



19.2692, 0.3779, 0.3428



12.2979, 0.3251, 0.3544



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.



29.3865, 0.3501, 0.4078



51.2116, 0.3582, 0.4260



27.4530, 0.3244, 0.4147



7.1706, 0.3236, 0.3512



22.5976, 0.3907, 0.5280



0.3501, 0.4044, 0.5171

Inverse Universe

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



15.6207, 0.2674, 0.2413



22.9417, 0.2547, 0.2181



17.4082, 0.2961, 0.2481



6.0735, 0.3013, 0.3062



2.0883, 0.1587, 0.0648



0.0422, 0.1897, 0.0818

Previews

White Background



This preview shows how the Yxy color 29.3852, 0.3501, 0.4078 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 29.3852, 0.3501, 0.4078 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

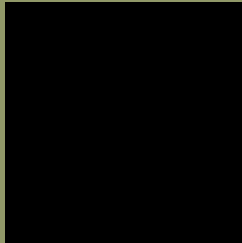
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

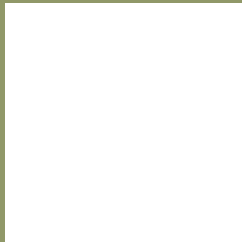
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 29.3852, 0.3501, 0.4078

Background



This preview shows how black text looks on a background with the Yxy color 29.3852, 0.3501, 0.4078.



This preview shows how white text looks on a background with the Yxy color 29.3852, 0.3501, 0.4078.

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

29.3852, 0.3501, 0.4078

Protanopia

29.1977, 0.3711, 0.3994

Deuteranopia

29.2043, 0.3885, 0.3807



Tritanopia

29.2644, 0.3074, 0.3105

Trichromacy



Original Color

29.3852, 0.3501, 0.4078

Protanomaly

29.3442, 0.3635, 0.4022

Deuteranomaly

29.1632, 0.3748, 0.3906

Tritanomaly

29.3107, 0.3224, 0.3450

Monochromacy



Original Color

29.3852, 0.3501, 0.4078

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.3817, 0.3272, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 29.3852, 0.3501, 0.4078 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(144, 152, 104)` looks like.

```
.text, #text, p{  
    color:rgb(144, 152, 104)  
}
```

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(144, 152, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(144, 152, 104) }
```

Border

The CSS property to change the border of an element to Yxy 29.3852, 0.3501, 0.4078 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(144, 152, 104) }
```

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

```
.border{ border-color:rgb(144, 152, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(144, 152, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(144, 152, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(144, 152, 104);  
box-shadow:4px 4px 4px 4px rgb(144, 152,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 29.3852, 0.3501, 0.4078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(144, 152, 104) }
```

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

```
.background{ background-color: rgb(144,  
152, 104) }
```

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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