

Converting Colors

$Yxy(28.4309, 0.3347, 0.3896)$

Have a look what the booklet for
Yxy(28.4309, 0.3347, 0.3896)
contains.

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Color

Yxy(28.4309, 0.3347, 0.3896)

Conversions

Conversions Part 1

Format	Color
Hex	8A9672
RGB	138, 150, 114
RGB Percent	54%, 59%, 45%
CMY	0.4588, 0.4117, 0.5529
CMYK	0.08, 0.00, 0.24, 0.41
HSL	80°, 15%, 52%
HSV	80°, 24%, 59%
XYZ	24.4246, 28.4309, 20.1191
YIQ	142.3080, 4.4040, -13.7400

Conversions

Conversions Part 2

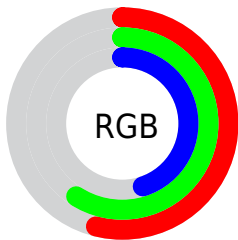
Format	Color
RYB	114, 150, 126
Decimal	9082482
CIELab	60.28, -10.89, 17.60
CIElCh	60, 20.695, 121.762
Yxy	28.4309, 0.3347, 0.3896
Android (android.graphics.Color)	4287272562 (0xFF8A9672)
YUV	142.3080, -13.9558, -3.7781
Hunter-Lab	53.3206, -11.5456, 14.9530

Details

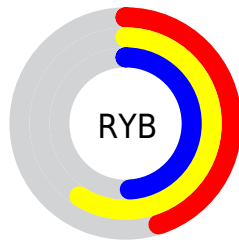
The Yxy color $28.4309, 0.3347, 0.3896$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.6723, 0.2867, 0.2660$, and the grayscale version is $27.2341, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.1454, 0.3307, 0.3764$, and $11.3917, 0.3417, 0.4110$ is the 20% darker color. If you saturate the color by 10%, you get $27.7013, 0.3434, 0.4167$, and if you desaturate by 10%, it is $29.2387, 0.3256, 0.3634$.

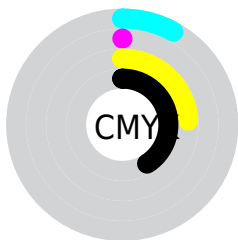
Distribution



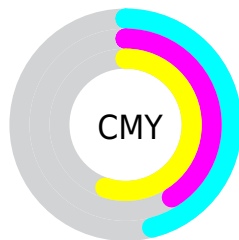
- Red (54%)
- Green (59%)
- Blue (45%)



- Red (45%)
- Yellow (59%)
- Blue (49%)



- Cyan (8%)
- Magenta (0%)
- Yellow (24%)
- Black (41%)





- Cyan (46%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.4309, 0.3347, 0.3896 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 28.4309, 0.3347, 0.3896 by changing the saturation by 10% instead.


 28.4309, 0.3347,
0.3896


 28.4309, 0.3347,
0.3896


294.5202, 0.3233,
0.3561

 18.6507, 0.3376,
0.3992


 57.1717, 0.3305,
0.3766


 11.4182, 0.3414,
0.4123


 76.9010, 0.3289,
0.3719

 6.3488, 0.3463,
0.4313


 100.7156, 0.3276,
0.3681

 3.0583, 0.3528,
0.4609

 128.9998, 0.3265,
0.3649

 1.1623, 0.4105,
0.5852

162.1379, 0.3255,
0.3622

 0.0306, 0.0000,
1.0000

200.5145, 0.3247,

 0.0000, 0.0000,

0.3599

0.0000

244.5138, 0.3239,
0.3579

■ 28.4309, 0.3347,
0.3896

■ 28.4309, 0.3347,
0.3896

■ 27.7013, 0.3434,
0.4167

■ 29.2387, 0.3256,
0.3634

■ 27.0431, 0.3514,
0.4438

■ 30.1237, 0.3164,
0.3385

■ 26.4543, 0.3580,
0.4701

■ 31.0899, 0.3073,
0.3153

■ 25.9315, 0.3630,
0.4943

■ 32.1396, 0.2987,
0.2940

■ 25.4707, 0.3658,
0.5152

■ 33.2754, 0.2904,
0.2746

■ 25.0676, 0.3662,
0.5320

■ 34.4994, 0.2827,
0.2570

■ 24.7167, 0.3643,
0.5442

■ 35.8138, 0.2756,
0.2411

■ 24.5229, 0.3626,
0.5503

■ 37.2208, 0.2690,
0.2269

■ 38.7224, 0.2629,
0.2141

Harmonies

Analogous

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



28.4309, 0.3639, 0.3851



28.4309, 0.3347, 0.3896



28.4309, 0.3006, 0.3753

Triad

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



28.4309, 0.3347, 0.3896



28.4309, 0.2498, 0.2877



28.4309, 0.3551, 0.3111

Complementary

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



28.4309, 0.3347, 0.3896



18.6723, 0.2867, 0.2660

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.



28.4309, 0.3222, 0.2883



28.4309, 0.3347, 0.3896



28.4309, 0.2624, 0.2744

Square

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



28.4309, 0.3347, 0.3896



28.4309, 0.2528, 0.3136



28.4309, 0.2883, 0.2751



28.4309, 0.3766, 0.3388

Rectangle

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



28.4309, 0.3347, 0.3896



28.4309, 0.2798, 0.3571



28.4309, 0.2883, 0.2751



28.4309, 0.3449, 0.3027

Sweetspot

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



28.4321, 0.3347, 0.3896



52.6537, 0.3192, 0.3461



22.6211, 0.3563, 0.3493



11.6511, 0.3197, 0.3474



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.



28.4321, 0.3347, 0.3896



49.4390, 0.3396, 0.4046



27.0219, 0.3157, 0.3933



6.6488, 0.3211, 0.3512



20.3555, 0.3631, 0.5499



0.2653, 0.3901, 0.5285

Inverse Universe

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



18.6723, 0.2867, 0.2660



29.0494, 0.2794, 0.2496



20.1660, 0.3081, 0.2699



5.7213, 0.3038, 0.3065



2.4051, 0.1767, 0.0747



0.0443, 0.2243, 0.1009

Previews

White Background



This preview shows how the Yxy color 28.4309, 0.3347, 0.3896 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 28.4309, 0.3347, 0.3896 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

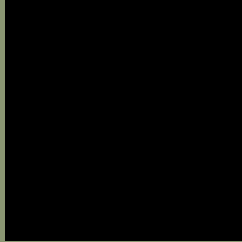
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.4309, 0.3347, 0.3896

Background



This preview shows how black text looks on a background with the Yxy color 28.4309, 0.3347, 0.3896.



This preview shows how white text looks on a background with the Yxy color 28.4309, 0.3347, 0.3896.

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

28.4309, 0.3347, 0.3896

Protanopia

28.3892, 0.3573, 0.3818

Deuteranopia

28.1612, 0.3716, 0.3641



Tritanopia

28.2761, 0.3012, 0.3100

Trichromacy



Original Color

28.4309, 0.3347, 0.3896

Protanomaly

28.4493, 0.3487, 0.3844

Deuteranomaly

28.1518, 0.3583, 0.3734

Tritanomaly

28.2316, 0.3134, 0.3371

Monochromacy



Original Color

28.4309, 0.3347, 0.3896

Achromatopsia

27.0498, 0.3127, 0.3290

Achromatomaly

27.5795, 0.3213, 0.3505

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.4309, 0.3347, 0.3896 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(138, 150, 114)` looks like.

```
.text, #text, p{  
    color:rgb(138, 150, 114)  
}
```

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(138, 150, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 150, 114) }
```

Border

The CSS property to change the border of an element to Yxy 28.4309, 0.3347, 0.3896 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(138, 150, 114) }
```

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

```
.border{ border-color:rgb(138, 150, 114) }
```

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

Here you see how a box with a 4 pixel rgb(138, 150, 114) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 150, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 150, 114);  
box-shadow:4px 4px 4px 4px rgb(138, 150,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 28.4309, 0.3347, 0.3896 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 150, 114) }
```

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

```
.background{ background-color: rgb(138,  
150, 114) }
```

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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