

Converting Colors

$Y_{xy}(28.8872, 0.3341, 0.3893)$

Have a look what the booklet for
Yxy(28.8872, 0.3341, 0.3893)
contains.

Yxy(28.8600, 0.3346, 0.3892)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

$Y_{xy}(28.8600, 0.3346, 0.3892)$

Conversions

Conversions Part 1

Format	Color
Hex	8B9773
RGB	139, 151, 115
RGB Percent	55%, 59%, 45%
CMY	0.4548, 0.4079, 0.5490
CMYK	0.08, 0.00, 0.24, 0.41
HSL	80°, 15%, 52%
HSV	80°, 24%, 59%
XYZ	24.8113, 28.8600, 20.4808
YIQ	143.3080, 4.4040, -13.7400

Conversions

Conversions Part 2

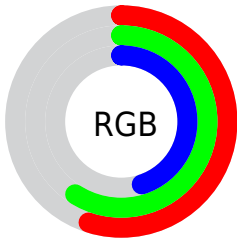
Format	Color
R_YB	115, 151, 127
Decimal	9148275
CIE _{Lab}	60.66, -10.87, 17.58
CIE _{LCh}	61, 20.666, 121.737
Yxy	28.8600, 0.3346, 0.3892
Android (android.graphics.Color)	4287338355 (0xFF8B9773)
YUV	143.3080, -13.9558, -3.7781
Hunter-Lab	53.7215, -11.5723, 15.0013

Details

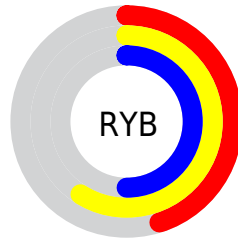
The Yxy color $28.8600, 0.3346, 0.3892$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $19.0045, 0.2869, 0.2664$, and the grayscale version is $27.6551, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.7901, 0.3307, 0.3762$, and $11.6434, 0.3414, 0.4103$ is the 20% darker color. If you saturate the color by 10%, you get $28.1191, 0.3434, 0.4163$, and if you desaturate by 10%, it is $29.6802, 0.3254, 0.3630$.

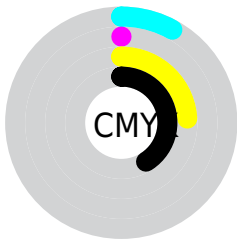
Distribution



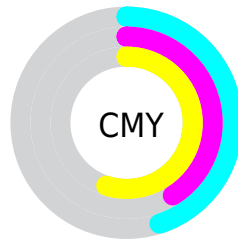
- Red (55%)
- Green (59%)
- Blue (45%)



- Red (45%)
- Yellow (59%)
- Blue (50%)



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



- Cyan (45%)
- Magenta (41%)
- Yellow (55%)


Brightness & Saturation Gradients

These gradients show how the Yxy color 28.8600, 0.3346, 0.3892 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 28.8600, 0.3346, 0.3892 by changing the saturation by 10% instead.


 28.8600, 0.3346,
0.3892


 28.8600, 0.3346,
0.3892

 296.5538, 0.3232,
0.3560


 18.9749, 0.3375,
0.3987


 57.8546, 0.3304,
0.3763


 11.6522, 0.3412,
0.4116


 77.7329, 0.3288,
0.3717

 6.5073, 0.3461,
0.4302


 101.7111, 0.3275,
0.3679

 3.1559, 0.3525,
0.4593

 130.1735, 0.3264,
0.3648

 1.2137, 0.4028,
0.5709

 163.5046, 0.3255,
0.3621

 0.0728, 0.0000,
1.0000

 202.0888, 0.3246,

 0.0000, 0.0000,

0.3598

0.0000

246.3104, 0.3239,
0.3578

■ 28.8600, 0.3346,
0.3892

■ 28.8600, 0.3346,
0.3892

■ 28.1191, 0.3434,
0.4163

■ 29.6802, 0.3254,
0.3630

■ 27.4508, 0.3513,
0.4434

■ 30.5788, 0.3162,
0.3381

■ 26.8529, 0.3580,
0.4697

■ 31.5597, 0.3072,
0.3150

■ 26.3220, 0.3630,
0.4939

■ 32.6255, 0.2985,
0.2937

■ 25.8540, 0.3659,
0.5149

■ 33.7786, 0.2903,
0.2743

■ 25.4446, 0.3664,
0.5318

■ 35.0212, 0.2826,
0.2567

■ 25.0882, 0.3645,
0.5439

■ 36.3557, 0.2754,
0.2409

■ 24.8865, 0.3627,
0.5502

■ 37.7841, 0.2688,
0.2266

■ 39.3085, 0.2627,
0.2139

Harmonies

Analogous

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



28.8600, 0.3636, 0.3848



28.8600, 0.3346, 0.3892



28.8600, 0.3007, 0.3750

Triad

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



28.8600, 0.3346, 0.3892



28.8600, 0.2501, 0.2880



28.8600, 0.3548, 0.3112

Complementary

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



28.8600, 0.3346, 0.3892



19.0045, 0.2869, 0.2664

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.



28.8600, 0.3221, 0.2886



28.8600, 0.3346, 0.3892



28.8600, 0.2627, 0.2748

Square

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



28.8600, 0.3346, 0.3892



28.8600, 0.2531, 0.3138



28.8600, 0.2885, 0.2754



28.8600, 0.3761, 0.3388

Rectangle

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



28.8600, 0.3346, 0.3892



28.8600, 0.2801, 0.3569



28.8600, 0.2885, 0.2754



28.8600, 0.3447, 0.3028

Sweetspot

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



28.8613, 0.3346, 0.3892



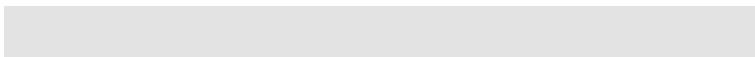
54.2181, 0.3193, 0.3461



22.8401, 0.3562, 0.3482



12.3037, 0.3197, 0.3474



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.



28.8613, 0.3346, 0.3892



50.9096, 0.3397, 0.4047



27.4784, 0.3163, 0.3928



7.1200, 0.3212, 0.3513



21.1882, 0.3631, 0.5499



0.3364, 0.3890, 0.5293

Inverse Universe

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



19.0045, 0.2869, 0.2664



29.8895, 0.2794, 0.2495



20.4599, 0.3074, 0.2701



6.1211, 0.3037, 0.3064



2.4967, 0.1764, 0.0746



0.0558, 0.2230, 0.1002

Previews

White Background



This preview shows how the Yxy color 28.8600, 0.3346, 0.3892 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 28.8600, 0.3346, 0.3892 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

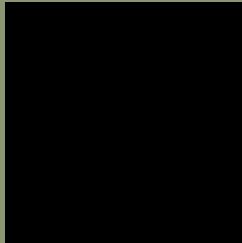
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

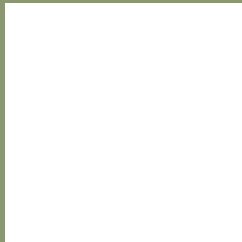
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 28.8600, 0.3346, 0.3892

Background



This preview shows how black text looks on a background with the Yxy color 28.8600, 0.3346, 0.3892.



This preview shows how white text looks on a background with the Yxy color 28.8600, 0.3346, 0.3892.

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

28.8600, 0.3346, 0.3892

Protanopia

28.8179, 0.3570, 0.3814

Deuteranopia

28.5866, 0.3712, 0.3639



Tritanopia

28.7049, 0.3013, 0.3101

Trichromacy



Original Color

28.8600, 0.3346, 0.3892

Protanomaly

28.8787, 0.3485, 0.3840

Deuteranomaly

28.5784, 0.3580, 0.3731

Tritanomaly

28.6601, 0.3134, 0.3371

Monochromacy



Original Color

28.8600, 0.3346, 0.3892

Achromatopsia

27.4677, 0.3127, 0.3290

Achromatomaly

28.0020, 0.3212, 0.3504

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.8600, 0.3346, 0.3892 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(139, 151, 115)` looks like.

```
.text, #text, p{  
    color:rgb(139, 151, 115)  
}
```

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(139, 151, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 151, 115) }
```

Border

The CSS property to change the border of an element to Yxy 28.8600, 0.3346, 0.3892 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(139, 151, 115) }
```

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

```
.border{ border-color:rgb(139, 151, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 151, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 151, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 151, 115);  
box-shadow:4px 4px 4px 4px rgb(139, 151,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 28.8600, 0.3346, 0.3892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 151, 115) }
```

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

```
.background{ background-color: rgb(139,  
151, 115) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor