

Converting Colors

$Y_{xy}(28.9133, 0.3382, 0.3852)$

Have a look what the booklet for
Yxy(28.9133, 0.3382, 0.3852)
contains.

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Color

Yxy(28.9133, 0.3382, 0.3852)

Conversions

Conversions Part 1

Format	Color
Hex	8F9674
RGB	143, 150, 116
RGB Percent	56%, 59%, 45%
CMY	0.4392, 0.4117, 0.5451
CMYK	0.05, 0.00, 0.23, 0.41
HSL	72°, 14%, 52%
HSV	72°, 23%, 59%
XYZ	25.3855, 28.9133, 20.7617
YIQ	144.0310, 6.7420, -12.0580

Conversions

Conversions Part 2

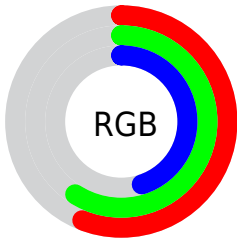
Format	Color
R_{YB}	116, 150, 123
Decimal	9410164
CIE _{Lab}	60.71, -8.63, 17.14
CIE _{LCh}	61, 19.185, 116.726
Yxy	28.9133, 0.3382, 0.3852
Android (android.graphics.Color)	4287600244 (0xFF8F9674)
YUV	144.0310, -13.8193, -0.9042
Hunter-Lab	53.7711, -9.8291, 14.7471

Details

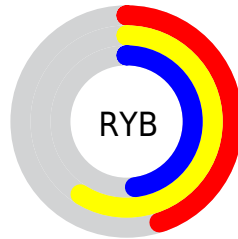
The Yxy color $28.9133, 0.3382, 0.3852$ is a dark color, and the websafe version is hex 999966 . A complement of this color would be $18.9008, 0.2834, 0.2690$, and the grayscale version is $27.9578, 0.3127, 0.3290$.

A 20% lighter version of the original color is $57.8832, 0.3333, 0.3733$, and $11.6163, 0.3453, 0.4044$ is the 20% darker color. If you saturate the color by 10%, you get $28.3212, 0.3492, 0.4111$, and if you desaturate by 10%, it is $29.5719, 0.3269, 0.3597$.

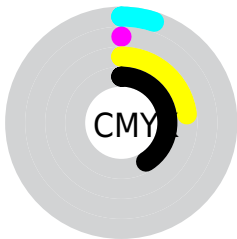
Distribution



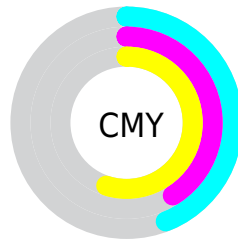
- Red (56%)
- Green (59%)
- Blue (45%)



- Red (45%)
- Yellow (59%)
- Blue (48%)



- Cyan (5%)
- Magenta (0%)
- Yellow (23%)
- Black (41%)





- Cyan (44%)
- Magenta (41%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 28.9133, 0.3382, 0.3852 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 28.9133, 0.3382, 0.3852 by changing the saturation by 10% instead.


 28.9133, 0.3382,
0.3852


 28.9133, 0.3382,
0.3852


296.8057, 0.3248,
0.3543

 19.0152, 0.3417,
0.3939


 57.9393, 0.3332,
0.3733

 11.6813, 0.3463,
0.4058


 77.8360, 0.3314,
0.3690

 6.5271, 0.3525,
0.4229


 101.8345, 0.3298,
0.3655

 3.1681, 0.3609,
0.4493

130.3190, 0.3285,
0.3625

 1.2201, 0.4116,
0.5470

163.6740, 0.3274,
0.3600

 0.0781, 0.0000,
1.0000

202.2838, 0.3264,

 0.0000, 0.0000,

0.3579

0.0000

246.5329, 0.3256,
0.3560

■ 28.9133, 0.3382,
0.3852

■ 28.9133, 0.3382,
0.3852

■ 28.3212, 0.3492,
0.4111

■ 29.5719, 0.3269,
0.3597

■ 27.7891, 0.3595,
0.4368

■ 30.2958, 0.3157,
0.3353

■ 27.3152, 0.3686,
0.4612

■ 31.0886, 0.3048,
0.3123

■ 26.8962, 0.3760,
0.4833

■ 31.9527, 0.2944,
0.2910

■ 26.5286, 0.3813,
0.5022

■ 32.8903, 0.2846,
0.2714

■ 26.2082, 0.3841,
0.5170

■ 33.9034, 0.2755,
0.2535

■ 25.9301, 0.3846,
0.5275

■ 34.9941, 0.2672,
0.2373

■ 25.7438, 0.3839,
0.5334

■ 36.1642, 0.2594,
0.2227

■ 37.4156, 0.2524,
0.2095

Harmonies

Analogous

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



28.9133, 0.3635, 0.3787



28.9133, 0.3382, 0.3852



28.9133, 0.3069, 0.3748

Triad

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



28.9133, 0.3382, 0.3852



28.9133, 0.2539, 0.2943



28.9133, 0.3472, 0.3085

Complementary

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



28.9133, 0.3382, 0.3852



18.9008, 0.2834, 0.2690

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.



28.9133, 0.3161, 0.2885



28.9133, 0.3382, 0.3852



28.9133, 0.2632, 0.2797

Square

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



28.9133, 0.3382, 0.3852



28.9133, 0.2592, 0.3199



28.9133, 0.2855, 0.2781



28.9133, 0.3693, 0.3338

Rectangle

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



28.9133, 0.3382, 0.3852



28.9133, 0.2870, 0.3595



28.9133, 0.2855, 0.2781



28.9133, 0.3374, 0.3010

Sweetspot

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



28.9146, 0.3382, 0.3852



52.8765, 0.3207, 0.3460



21.8594, 0.3550, 0.3406



11.7038, 0.3212, 0.3473



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.



28.9146, 0.3382, 0.3852



50.5016, 0.3436, 0.3978



27.5255, 0.3203, 0.3885



6.6850, 0.3230, 0.3511



21.3634, 0.3842, 0.5332



0.2737, 0.4021, 0.5189

Inverse Universe

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



18.9008, 0.2834, 0.2690



29.7758, 0.2760, 0.2544



20.2483, 0.3030, 0.2723



5.6871, 0.3019, 0.3064



2.0784, 0.1620, 0.0666



0.0359, 0.1987, 0.0868

Previews

White Background



This preview shows how the Yxy color 28.9133, 0.3382, 0.3852 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 28.9133, 0.3382, 0.3852 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

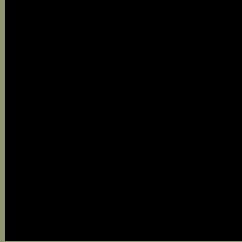
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Yxy 28.9133, 0.3382, 0.3852

Background



This preview shows how black text looks on a background with the Yxy color 28.9133, 0.3382, 0.3852.



This preview shows how white text looks on a background with the Yxy color 28.9133, 0.3382, 0.3852.

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

28.9133, 0.3382, 0.3852

Protanopia

28.8406, 0.3559, 0.3798

Deuteranopia

28.9038, 0.3697, 0.3638



Tritanopia

29.0407, 0.3063, 0.3119

Trichromacy



Original Color

28.9133, 0.3382, 0.3852

Protanomaly

28.6846, 0.3489, 0.3807

Deuteranomaly

28.7045, 0.3581, 0.3714

Tritanomaly

28.9936, 0.3185, 0.3386

Monochromacy



Original Color

28.9133, 0.3382, 0.3852

Achromatopsia

27.8894, 0.3127, 0.3290

Achromatomaly

28.2083, 0.3224, 0.3486

CSS Examples

Text

The CSS property to change the color of the text to Yxy 28.9133, 0.3382, 0.3852 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(143, 150, 116)` looks like.

```
.text, #text, p{  
    color:rgb(143, 150, 116)  
}
```

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(143, 150, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 150, 116) }
```

Border

The CSS property to change the border of an element to Yxy 28.9133, 0.3382, 0.3852 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(143, 150, 116) }
```

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

```
.border{ border-color:rgb(143, 150, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 150, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 150, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 150, 116);  
box-shadow:4px 4px 4px 4px rgb(143, 150,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 28.9133, 0.3382, 0.3852 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 150, 116) }
```

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

```
.background{ background-color: rgb(143,  
150, 116) }
```

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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