

Converting Colors

$Yxy(41.4752, 0.2805, 0.2955)$

Have a look what the booklet for
Yxy(41.4752, 0.2805, 0.2955)
contains.

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Color

Yxy(41.6184, 0.2808, 0.2964)

Conversions

Conversions Part 1

Format	Color
Hex	9EAE66
RGB	158, 174, 198
RGB Percent	62%, 68%, 78%
CMY	0.3804, 0.3176, 0.2236
CMYK	0.20, 0.12, 0.00, 0.22
HSL	216°, 26%, 70%
HSV	216°, 20%, 78%
XYZ	39.4280, 41.6184, 59.3666
YIQ	171.9520, -17.2400, 4.0720

Conversions

Conversions Part 2

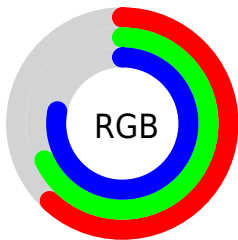
Format	Color
R _Y B	158, 169, 198
Decimal	10399430
CIE Lab	70.61, -0.41, -14.07
CIE LCh	71, 14.073, 268.345
Yxy	41.6184, 0.2808, 0.2964
Android (android.graphics.Color)	4288589510 (0xFF9EAE6)
YUV	171.9520, 12.8417, -12.2359
Hunter-Lab	64.5123, -3.8028, -9.4022

Details

The Yxy color **41.6184, 0.2808, 0.2964** is a light color, and the websafe version is hex **999999**. A complement of this color would be **47.9181, 0.3465, 0.3596**, and the grayscale version is **41.1705, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4048, 0.2865, 0.3017**, and **18.9969, 0.2716, 0.2877** is the 20% darker color. If you saturate the color by 10%, you get **35.3846, 0.2639, 0.2775**, and if you desaturate by 10%, it is **48.5846, 0.2970, 0.3135**.

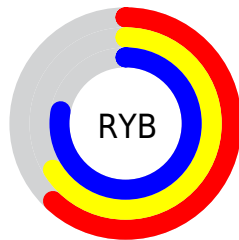
Distribution



Red (62%)

Green (68%)

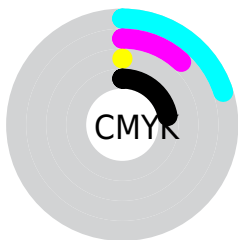
Blue (78%)



Red (62%)

Yellow (66%)

Blue (78%)

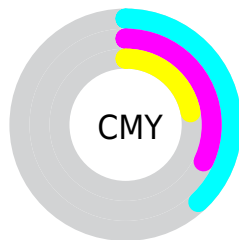


Cyan (20%)

Magenta (12%)

Yellow (0%)

Black (22%)



Cyan (38%)

Magenta (32%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.6184, 0.2808, 0.2964 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 41.6184, 0.2808, 0.2964 by changing the saturation by 10% instead.

■ 41.6184, 0.2808,
0.2964

■ 41.6184, 0.2808,
0.2964

352.8986, 0.2969,
0.3129

■ 28.8026, 0.2767,
0.2922

■ 77.6218, 0.2867,
0.3024

■ 18.9315, 0.2715,
0.2868

■ 101.5781, 0.2889,
0.3047

■ 11.6208, 0.2644,
0.2796

130.0168, 0.2908,
0.3066

■ 6.4860, 0.2545,
0.2694

163.3222, 0.2924,
0.3082

■ 3.1428, 0.2397,
0.2542

201.8786, 0.2937,
0.3096

■ 1.2067, 0.2152,
0.2289

246.0706, 0.2949,

■ 0.0672, 0.0457,

0.3109

0.0569

296.2825, 0.2960,
0.3120

0.0000, 0.0000,
0.0000

41.6184, 0.2808,
0.2964

41.6184, 0.2808,
0.2964

35.3846, 0.2639,
0.2775

48.5846, 0.2970,
0.3135

29.8521, 0.2467,
0.2569

56.3026, 0.3124,
0.3287

24.9951, 0.2297,
0.2350

64.7972, 0.3268,
0.3422

20.7838, 0.2135,
0.2120

74.0908, 0.3402,
0.3541

17.1860, 0.1986,
0.1888

83.8242, 0.3510,
0.3647

■ 14.1660, 0.1859,
0.1660

■ 90.7887, 0.3486,
0.3760

■ 11.6829, 0.1757,
0.1446

■ 96.8562, 0.3466,
0.3850

■ 9.7037, 0.1682,
0.1255

Harmonies

Analogous

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



41.6184, 0.2739, 0.3060



41.6184, 0.2808, 0.2964



41.6184, 0.2961, 0.2954

Triad

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



41.6184, 0.2808, 0.2964



41.6184, 0.3497, 0.3336



41.6184, 0.3081, 0.3575

Complementary

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



41.6184, 0.2808, 0.2964



47.9181, 0.3465, 0.3596

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.



41.6184, 0.3286, 0.3650



41.6184, 0.2808, 0.2964



41.6184, 0.3530, 0.3502

Square

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



41.6184, 0.2808, 0.2964



41.6184, 0.3361, 0.3165



41.6184, 0.3452, 0.3620



41.6184, 0.2894, 0.3416

Rectangle

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



41.6184, 0.2808, 0.2964



41.6184, 0.3093, 0.2994



41.6184, 0.3452, 0.3620



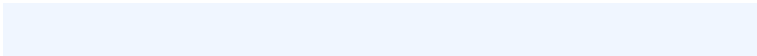
41.6184, 0.3150, 0.3611

Sweetspot

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



41.6201, 0.2808, 0.2964



91.4975, 0.3035, 0.3199



50.9968, 0.2939, 0.3513



19.3926, 0.3024, 0.3189



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



41.6201, 0.2808, 0.2964



68.9599, 0.2738, 0.2887



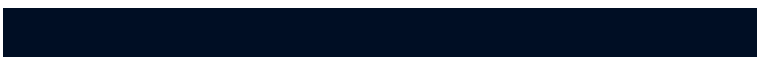
36.1440, 0.2822, 0.2743



10.9727, 0.2983, 0.3148



6.4696, 0.1689, 0.1280



0.4475, 0.1806, 0.1702

Inverse Universe

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



39.5146, 0.3369, 0.3085



64.8321, 0.3432, 0.3041



54.4015, 0.3400, 0.3792



10.7061, 0.3228, 0.3198



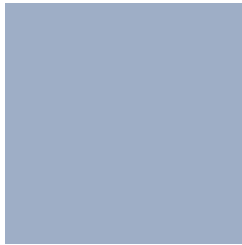
8.1931, 0.5354, 0.2723



0.4022, 0.4804, 0.2420

Previews

White Background



This preview shows how the Yxy color 41.6184, 0.2808, 0.2964 looks on a white background.

Color Contrast Check

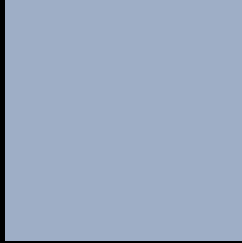
Large Text (above 18pt) WCAG AA × Fail

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 41.6184, 0.2808, 0.2964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

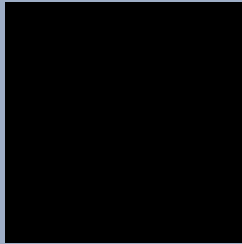
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

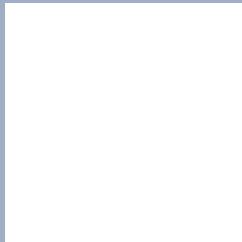
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.6184, 0.2808, 0.2964

Background



This preview shows how black text looks on a background with the Yxy color 41.6184, 0.2808, 0.2964.



This preview shows how white text looks on a background with the Yxy color 41.6184, 0.2808, 0.2964.

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

41.6184, 0.2808, 0.2964

Protanopia

41.4362, 0.2901, 0.2956

Deuteranopia

41.4759, 0.2953, 0.2886



Tritanopia

41.4020, 0.2858, 0.3096

Trichromacy



Original Color

41.6184, 0.2808, 0.2964

Protanomaly

41.4288, 0.2862, 0.2953

Deuteranomaly

41.4190, 0.2895, 0.2906

Tritanomaly

41.6338, 0.2844, 0.3056

Monochromacy



Original Color

41.6184, 0.2808, 0.2964

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.4388, 0.3010, 0.3180

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6184, 0.2808, 0.2964 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(158, 174, 198)` looks like.

```
.text, #text, p{  
    color:rgb(158, 174, 198)  
}
```

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(158, 174, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 174, 198) }
```

Border

The CSS property to change the border of an element to Yxy 41.6184, 0.2808, 0.2964 is called "border". The border property can be set on classes, ids or directly on the HTML element.

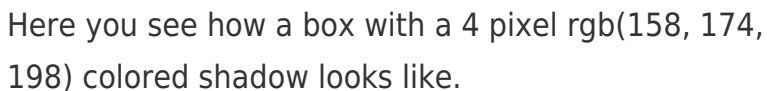
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(158, 174, 198) }
```

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

```
.border{ border-color:rgb(158, 174, 198) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 174, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(158, 174, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(158, 174, 198);  
box-shadow:4px 4px 4px 4px rgb(158, 174,  
198) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6184, 0.2808, 0.2964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 174, 198) }
```

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

```
.background{ background-color: rgb(158,  
174, 198) }
```

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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