

Converting Colors

$Y_{xy}(41.7344, 0.2985, 0.2971)$

Have a look what the booklet for
Yxy(41.7344, 0.2985, 0.2971)
contains.

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Color

Yxy(41.8746, 0.2984, 0.2974)

Conversions

Conversions Part 1

Format	Color
Hex	B0AAC2
RGB	176, 170, 194
RGB Percent	69%, 67%, 76%
CMY	0.3098, 0.3333, 0.2392
CMYK	0.09, 0.12, 0.00, 0.24
HSL	255°, 16%, 71%
HSV	255°, 12%, 76%
XYZ	42.0154, 41.8746, 56.9123
YIQ	174.5300, -4.1280, 8.7360

Conversions

Conversions Part 2

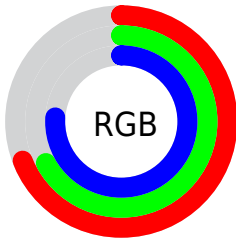
Format	Color
R _Y B	176, 170, 194
Decimal	11578050
CIE Lab	70.78, 6.81, -11.48
CIE LCh	71, 13.348, 300.696
Yxy	41.8746, 0.2984, 0.2974
Android (android.graphics.Color)	4289768130 (0xFFB0AAC2)
YUV	174.5300, 9.5987, 1.2892
Hunter-Lab	64.7106, 2.6533, -6.8475

Details

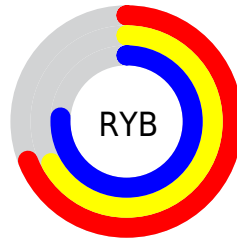
The Yxy color **41.8746, 0.2984, 0.2974** is a light color, and the websafe version is hex **999999**. A complement of this color would be **52.1855, 0.3260, 0.3597**, and the grayscale version is **42.5659, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9713, 0.3011, 0.3024**, and **19.0613, 0.2940, 0.2892** is the 20% darker color. If you saturate the color by 10%, you get **33.5231, 0.2849, 0.2688**, and if you desaturate by 10%, it is **51.4852, 0.3102, 0.3233**.

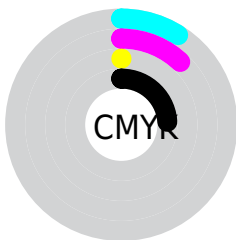
Distribution



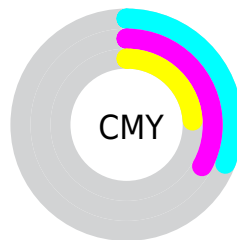
- Red (69%)
- Green (67%)
- Blue (76%)



- Red (69%)
- Yellow (67%)
- Blue (76%)



- Cyan (9%)
- Magenta (12%)
- Yellow (0%)
- Black (24%)



- Cyan (31%)
- Magenta (33%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8746, 0.2984, 0.2974 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 41.8746, 0.2984, 0.2974 by changing the saturation by 10% instead.

■ 41.8746, 0.2984,
0.2974

■ 41.8746, 0.2984,
0.2974

■ 353.9628, 0.3058,
0.3132

■ 29.0031, 0.2965,
0.2935

■ 78.0098, 0.3011,
0.3031

■ 19.0832, 0.2940,
0.2884

■ 102.0423, 0.3021,
0.3053

■ 11.7304, 0.2907,
0.2816

■ 130.5639, 0.3030,
0.3071

■ 6.5604, 0.2859,
0.2723

■ 163.9591, 0.3037,
0.3087

■ 3.1887, 0.2785,
0.2583

■ 202.6122, 0.3043,
0.3100

■ 1.2310, 0.2657,
0.2354

■ 246.9076, 0.3049,

■ 0.0868, 0.2019,

0.3112

0.0704

297.2296, 0.3053,
0.3123

0.0000, 0.0000,
0.0000

41.8746, 0.2984,
0.2974

41.8746, 0.2984,
0.2974

33.5231, 0.2849,
0.2688

51.4852, 0.3102,
0.3233

26.3729, 0.2697,
0.2380

62.3992, 0.3203,
0.3464

20.3695, 0.2530,
0.2056

74.6649, 0.3290,
0.3668

15.4520, 0.2353,
0.1728

88.3269, 0.3363,
0.3848

11.5537, 0.2172,
0.1415

95.5223, 0.3448,
0.3898

■ 8.6005, 0.1999,
0.1137

■ 96.6755, 0.3490,
0.3890

■ 6.5078, 0.1844,
0.0913

■ 5.1753, 0.1718,
0.0757

■ 4.5323, 0.1642,
0.0678

Harmonies

Analogous

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



41.8746, 0.2834, 0.2977



41.8746, 0.2984, 0.2974



41.8746, 0.3177, 0.3049

Triad

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



41.8746, 0.2984, 0.2974



41.8746, 0.3506, 0.3502



41.8746, 0.2894, 0.3396

Complementary

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



41.8746, 0.2984, 0.2974



52.1855, 0.3260, 0.3597

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.



41.8746, 0.3069, 0.3550



41.8746, 0.2984, 0.2974



41.8746, 0.3424, 0.3608

Square

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



41.8746, 0.2984, 0.2974



41.8746, 0.3484, 0.3347



41.8746, 0.3263, 0.3628



41.8746, 0.2783, 0.3215

Rectangle

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



41.8746, 0.2984, 0.2974



41.8746, 0.3304, 0.3134



41.8746, 0.3263, 0.3628



41.8746, 0.2947, 0.3453

Sweetspot

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



41.8764, 0.2984, 0.2974



90.1597, 0.3083, 0.3191



48.5839, 0.2939, 0.3216



19.4404, 0.3074, 0.3172



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.



41.8764, 0.2984, 0.2974



71.2957, 0.2947, 0.2895



43.2894, 0.3085, 0.2984



9.8665, 0.3021, 0.3055



3.0126, 0.1652, 0.0684



0.1640, 0.1895, 0.0818

Inverse Universe

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



43.8548, 0.3192, 0.3062



75.6400, 0.3208, 0.3008



50.7683, 0.3164, 0.3606



10.2032, 0.3175, 0.3119



8.9119, 0.3951, 0.1950



0.3955, 0.3752, 0.1840

Previews

White Background



This preview shows how the Yxy color 41.8746, 0.2984, 0.2974 looks on a white background.

Color Contrast Check

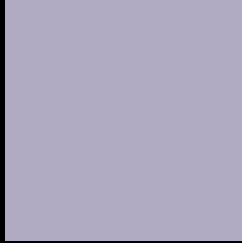
Large Text (above 18pt) WCAG AA × Fail

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 41.8746, 0.2984, 0.2974 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

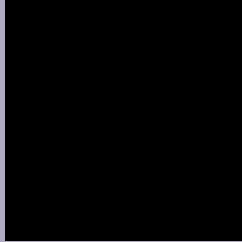
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8746, 0.2984, 0.2974

Background



This preview shows how black text looks on a background with the Yxy color 41.8746, 0.2984, 0.2974.



This preview shows how white text looks on a background with the Yxy color 41.8746, 0.2984, 0.2974.

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

41.8746, 0.2984, 0.2974

Protanopia

41.9912, 0.2926, 0.2984

Deuteranopia

41.9743, 0.3019, 0.2964



Tritanopia

42.1218, 0.3047, 0.3116

Trichromacy



Original Color

41.8746, 0.2984, 0.2974

Protanomaly

41.8366, 0.2943, 0.2972

Deuteranomaly

41.8547, 0.3010, 0.2963

Tritanomaly

41.8706, 0.3023, 0.3064

Monochromacy



Original Color

41.8746, 0.2984, 0.2974

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3785, 0.3071, 0.3169

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8746, 0.2984, 0.2974 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(176, 170, 194)` looks like.

```
.text, #text, p{  
    color:rgb(176, 170, 194)  
}
```

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(176, 170, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 170, 194) }
```

Border

The CSS property to change the border of an element to Yxy 41.8746, 0.2984, 0.2974 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(176, 170, 194) }
```

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

```
.border{ border-color:rgb(176, 170, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 170, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(176, 170, 194); -webkit-box-shadow:4px 4px 4px 4px rgb(176, 170, 194); box-shadow:4px 4px 4px 4px rgb(176, 170, 194) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8746, 0.2984, 0.2974 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 170, 194) }
```

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

```
.background{ background-color: rgb(176,  
170, 194) }
```

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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