

Converting Colors

Yxy(41.3947, 0.2981, 0.3480)

Have a look what the booklet for
Yxy(41.3947, 0.2981, 0.3480)
contains.

Yxy(41.4774, 0.2983, 0.3478)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(41.4774, 0.2983, 0.3478)

Conversions

Conversions Part 1

Format	Color
Hex	96B3A6
RGB	150, 179, 166
RGB Percent	59%, 70%, 65%
CMY	0.4119, 0.2980, 0.3490
CMYK	0.16, 0.00, 0.07, 0.30
HSL	153°, 16%, 65%
HSV	153°, 16%, 70%
XYZ	35.5742, 41.4774, 42.2049
YIQ	168.8470, -13.1110, -10.1910

Conversions

Conversions Part 2

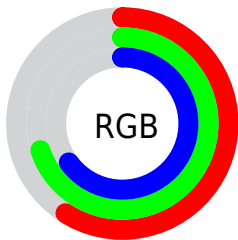
Format	Color
RYB	150, 169, 179
Decimal	9876390
CIELab	70.51, -12.55, 3.33
CIElCh	71, 12.986, 165.147
Yxy	41.4774, 0.2983, 0.3478
Android (android.graphics.Color)	4288066470 (0xFF96B3A6)
YUV	168.8470, -1.4036, -16.5288
Hunter-Lab	64.4030, -14.1073, 6.2278

Details

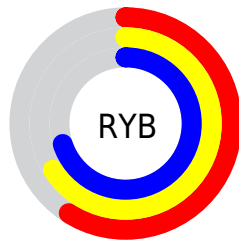
The Yxy color $41.4774, 0.2983, 0.3478$ is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be $34.0278, 0.3299, 0.3109$, and the grayscale version is $39.6055, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.4745, 0.3008, 0.3444$, and $18.7893, 0.2943, 0.3535$ is the 20% darker color. If you saturate the color by 10%, you get $39.6240, 0.2899, 0.3610$, and if you desaturate by 10%, it is $43.6121, 0.3071, 0.3358$.

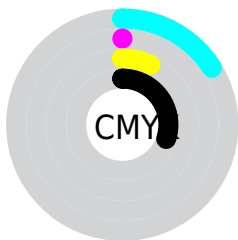
Distribution



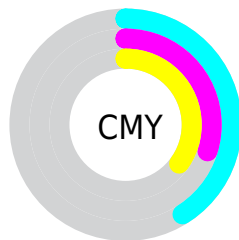
- Red (59%)
- Green (70%)
- Blue (65%)



- Red (59%)
- Yellow (66%)
- Blue (70%)



- Cyan (16%)
- Magenta (0%)
- Yellow (7%)
- Black (30%)



- Cyan (41%)
- Magenta (30%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4774, 0.2983, 0.3478 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 41.4774, 0.2983, 0.3478 by changing the saturation by 10% instead.


 41.4774, 0.2983,
0.3478

 41.4774, 0.2983,
0.3478


352.3120, 0.3057,
0.3381

 28.6923, 0.2964,
0.3503

 77.4081, 0.3010,
0.3442

 18.8482, 0.2939,
0.3536


 101.3224, 0.3021,
0.3429

 11.5606, 0.2905,
0.3582


129.7154, 0.3029,
0.3418

 6.4453, 0.2855,
0.3647

162.9712, 0.3036,
0.3408

 3.1177, 0.2779,
0.3751

201.4744, 0.3043,
0.3400

 1.1935, 0.2639,
0.3941

245.6093, 0.3048,

 0.0564, 0.0000,

0.3393

1.0000

295.7604, 0.3053,
0.3387

0.0000, 0.0000,
0.0000

41.4774, 0.2983,
0.3478

41.4774, 0.2983,
0.3478

39.6240, 0.2899,
0.3610

43.6121, 0.3071,
0.3358

38.0345, 0.2822,
0.3755

46.0341, 0.3161,
0.3251

36.6977, 0.2755,
0.3911

48.7559, 0.3251,
0.3156

35.5996, 0.2701,
0.4076

51.7876, 0.3340,
0.3072

34.7245, 0.2663,
0.4247

55.1388, 0.3427,
0.2998

■ 34.0551, 0.2644,
0.4422

■ 58.3673, 0.3490,
0.2930

■ 33.5710, 0.2644,
0.4595

■ 58.7875, 0.3422,
0.2851

■ 33.2457, 0.2664,
0.4762

■ 59.2283, 0.3356,
0.2774

■ 33.1435, 0.2674,
0.4825

■ 59.6898, 0.3292,
0.2698

Harmonies

Analogous

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



41.4774, 0.3170, 0.3594



41.4774, 0.2983, 0.3478



41.4774, 0.2838, 0.3308

Triad

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



41.4774, 0.2983, 0.3478



41.4774, 0.2903, 0.2973



41.4774, 0.3499, 0.3423

Complementary

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



41.4774, 0.2983, 0.3478



34.0278, 0.3299, 0.3109

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.



41.4774, 0.3424, 0.3262



41.4774, 0.2983, 0.3478



41.4774, 0.3076, 0.3008

Square

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



41.4774, 0.2983, 0.3478



41.4774, 0.2793, 0.3019



41.4774, 0.3267, 0.3112



41.4774, 0.3471, 0.3555

Rectangle

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



41.4774, 0.2983, 0.3478



41.4774, 0.2782, 0.3192



41.4774, 0.3267, 0.3112



41.4774, 0.3485, 0.3370

Sweetspot

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



41.4791, 0.2983, 0.3478



78.5648, 0.3081, 0.3345



42.2368, 0.3222, 0.3704



17.3427, 0.3075, 0.3353



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.4791, 0.2983, 0.3478



73.1962, 0.2957, 0.3518



41.4020, 0.2885, 0.3269



9.5660, 0.3044, 0.3394



23.4297, 0.2668, 0.4805



0.7487, 0.2538, 0.4337

Inverse Universe

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



34.0278, 0.3299, 0.3109



57.6537, 0.3338, 0.3073



34.0514, 0.3426, 0.3311



8.5664, 0.3219, 0.3188



7.1964, 0.5146, 0.2608



0.2382, 0.4472, 0.2237

Previews

White Background



This preview shows how the Yxy color 41.4774, 0.2983, 0.3478 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 41.4774, 0.2983, 0.3478 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

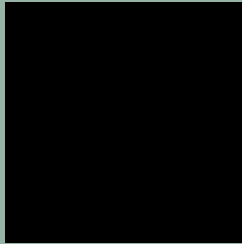
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

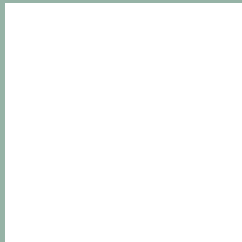
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4774, 0.2983, 0.3478

Background



This preview shows how black text looks on a background with the Yxy color 41.4774, 0.2983, 0.3478.

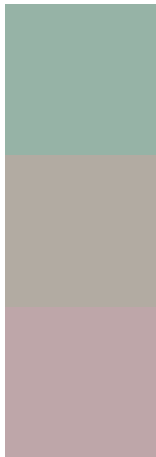


This preview shows how white text looks on a background with the Yxy color 41.4774, 0.2983, 0.3478.

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

41.4774, 0.2983, 0.3478

Protanopia

41.1994, 0.3268, 0.3413

Deuteranopia

41.0842, 0.3326, 0.3251



Tritanopia

41.6384, 0.2836, 0.3095

Trichromacy



Original Color

41.4774, 0.2983, 0.3478

Protanomaly

41.2413, 0.3165, 0.3444

Deuteranomaly

41.0669, 0.3189, 0.3331

Tritanomaly

41.5528, 0.2894, 0.3233

Monochromacy



Original Color

41.4774, 0.2983, 0.3478

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.3957, 0.3071, 0.3361

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4774, 0.2983, 0.3478 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(150, 179, 166)` looks like.

```
.text, #text, p{  
    color:rgb(150, 179, 166)  
}
```

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(150, 179, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 179, 166) }
```

Border

The CSS property to change the border of an element to Yxy 41.4774, 0.2983, 0.3478 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(150, 179, 166) }
```

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

```
.border{ border-color:rgb(150, 179, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 179, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 179, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 179, 166);  
box-shadow:4px 4px 4px 4px rgb(150, 179,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4774, 0.2983, 0.3478 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 179, 166) }
```

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

```
.background{ background-color: rgb(150,  
179, 166) }
```

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