

Converting Colors

$Y_{xy}(43.7239, 0.2942, 0.3443)$

Have a look what the booklet for
Yxy(43.7239, 0.2942, 0.3443)
contains.

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Color

Yxy(43.8774, 0.2940, 0.3445)

Conversions

Conversions Part 1

Format	Color
Hex	97B8AD
RGB	151, 184, 173
RGB Percent	59%, 72%, 68%
CMY	0.4079, 0.2784, 0.3215
CMYK	0.18, 0.00, 0.06, 0.28
HSL	160°, 19%, 66%
HSV	160°, 18%, 72%
XYZ	37.4454, 43.8774, 46.0426
YIQ	172.8790, -16.1370, -10.4170

Conversions

Conversions Part 2

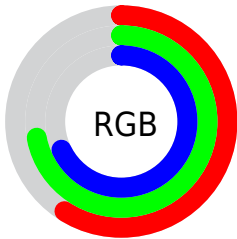
Format	Color
RYB	151, 171, 184
Decimal	9943213
CIELab	72.15, -13.40, 1.86
CIELCh	72, 13.528, 172.099
Yxy	43.8774, 0.2940, 0.3445
Android (android.graphics.Color)	4288133293 (0xFF97B8AD)
YUV	172.8790, 0.0597, -19.1879
Hunter-Lab	66.2400, -15.0141, 5.1563

Details

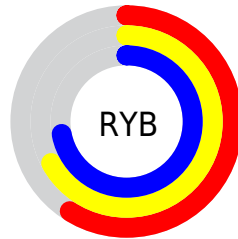
The Yxy color **43.8774, 0.2940, 0.3445** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **34.9271, 0.3358, 0.3140**, and the grayscale version is **41.7304, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0434, 0.2980, 0.3420**, and **20.3224, 0.2887, 0.3488** is the 20% darker color. If you saturate the color by 10%, you get **42.0226, 0.2843, 0.3544**, and if you desaturate by 10%, it is **46.0215, 0.3043, 0.3355**.

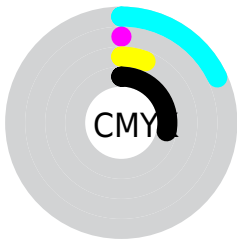
Distribution



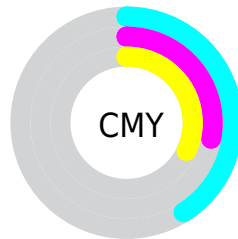
- Red (59%)
- Green (72%)
- Blue (68%)



- Red (59%)
- Yellow (67%)
- Blue (72%)



- Cyan (18%)
- Magenta (0%)
- Yellow (6%)
- Black (28%)




- Cyan (41%)
- Magenta (28%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.8774, 0.2940, 0.3445 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 43.8774, 0.2940, 0.3445 by changing the saturation by 10% instead.


 43.8774, 0.2940,
0.3445


 43.8774, 0.2940,
0.3445


362.2077, 0.3035,
0.3366

 30.5741, 0.2916,
0.3465


 81.0332, 0.2975,
0.3416

 20.2748, 0.2885,
0.3491


 105.6546, 0.2988,
0.3405

 12.5949, 0.2843,
0.3527


134.8174, 0.2999,
0.3396

 7.1502, 0.2783,
0.3577

168.9061, 0.3008,
0.3388

 3.5562, 0.2692,
0.3656

208.3051, 0.3016,
0.3382

 1.4286, 0.2537,
0.3792

253.3988, 0.3023,

 0.2376, 0.0000,

0.3376

0.6486

304.5716, 0.3029,
0.3371

0.0000, 0.0000,
0.0000

43.8774, 0.2940,
0.3445

43.8774, 0.2940,
0.3445

42.0226, 0.2843,
0.3544

46.0215, 0.3043,
0.3355

40.4387, 0.2755,
0.3651

48.4614, 0.3149,
0.3274

39.1137, 0.2679,
0.3765

51.2103, 0.3257,
0.3202

38.0325, 0.2617,
0.3885

54.2788, 0.3364,
0.3137

37.1784, 0.2573,
0.4010

57.6773, 0.3469,
0.3081

■ 36.5325, 0.2548,
0.4137

■ 60.1833, 0.3519,
0.3026

■ 36.0727, 0.2543,
0.4264

■ 60.4937, 0.3467,
0.2964

■ 35.7646, 0.2556,
0.4389

■ 60.8159, 0.3417,
0.2904

■ 35.7086, 0.2560,
0.4414

■ 61.1500, 0.3367,
0.2844

Harmonies

Analogous

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



43.8774, 0.3125, 0.3581



43.8774, 0.2940, 0.3445



43.8774, 0.2807, 0.3266

Triad

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



43.8774, 0.2940, 0.3445



43.8774, 0.2935, 0.2967



43.8774, 0.3510, 0.3461

Complementary

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



43.8774, 0.2940, 0.3445



34.9271, 0.3358, 0.3140

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.



43.8774, 0.3457, 0.3300



43.8774, 0.2940, 0.3445



43.8774, 0.3120, 0.3021

Square

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



43.8774, 0.2940, 0.3445



43.8774, 0.2805, 0.2994



43.8774, 0.3312, 0.3141



43.8774, 0.3457, 0.3584

Rectangle

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



43.8774, 0.2940, 0.3445



43.8774, 0.2765, 0.3152



43.8774, 0.3312, 0.3141



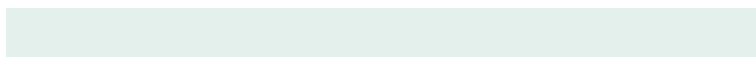
43.8774, 0.3504, 0.3409

Sweetspot

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



43.8792, 0.2940, 0.3445



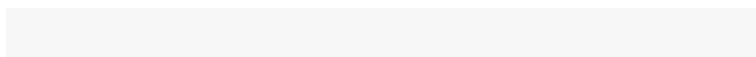
84.6306, 0.3073, 0.3331



44.1977, 0.3198, 0.3757



18.1802, 0.3066, 0.3337



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



43.8792, 0.2940, 0.3445



77.9869, 0.2896, 0.3488



42.0798, 0.2857, 0.3212



10.1585, 0.3028, 0.3367



24.6220, 0.2555, 0.4399



0.8790, 0.2466, 0.4077

Inverse Universe

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



34.9271, 0.3358, 0.3140



58.3828, 0.3429, 0.3101



36.3663, 0.3455, 0.3367



9.0602, 0.3237, 0.3214



7.2686, 0.5611, 0.2864



0.2680, 0.4871, 0.2457

Previews

White Background



This preview shows how the Yxy color 43.8774, 0.2940, 0.3445 looks on a white background.

Color Contrast Check

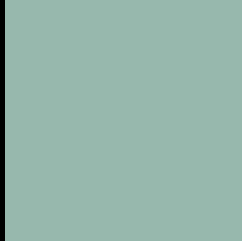
Large Text (above 18pt) WCAG AA × Fail

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 43.8774, 0.2940, 0.3445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

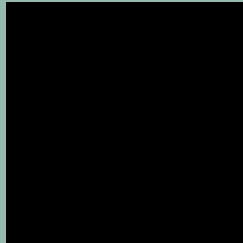
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.8774, 0.2940, 0.3445

Background



This preview shows how black text looks on a background with the Yxy color 43.8774, 0.2940, 0.3445.



This preview shows how white text looks on a background with the Yxy color 43.8774, 0.2940, 0.3445.

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

43.8774, 0.2940, 0.3445

Protanopia

43.7016, 0.3238, 0.3397

Deuteranopia

43.7297, 0.3294, 0.3226



Tritanopia

43.9564, 0.2812, 0.3099

Trichromacy



Original Color

43.8774, 0.2940, 0.3445

Protanomaly

43.6885, 0.3121, 0.3413

Deuteranomaly

43.6108, 0.3153, 0.3303

Tritanomaly

43.9138, 0.2862, 0.3220

Monochromacy



Original Color

43.8774, 0.2940, 0.3445

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.4607, 0.3055, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.8774, 0.2940, 0.3445 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(151, 184, 173)` looks like.

```
.text, #text, p{  
    color:rgb(151, 184, 173)  
}
```

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(151, 184, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 184, 173) }
```

Border

The CSS property to change the border of an element to Yxy 43.8774, 0.2940, 0.3445 is called "border". The border property can be set on classes, ids or directly on the HTML element.

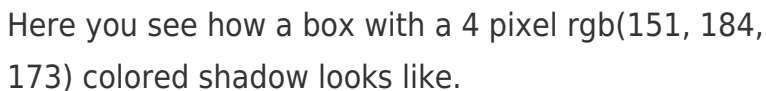
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(151, 184, 173) }
```

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

```
.border{ border-color:rgb(151, 184, 173) }
```

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



Here you see how a box with a 4 pixel `rgb(151, 184, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(151, 184, 173); -webkit-box-shadow:4px 4px 4px 4px rgb(151, 184, 173); box-shadow:4px 4px 4px 4px rgb(151, 184, 173) }
```


Background

The CSS property to change the background color of an element to Yxy 43.8774, 0.2940, 0.3445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 184, 173) }
```

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

```
.background{ background-color: rgb(151,  
184, 173) }
```

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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