

Converting Colors

$Y_{xy}(43.8956, 0.2942, 0.3421)$

Have a look what the booklet for
Yxy(43.8956, 0.2942, 0.3421)
contains.

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Color

Yxy(44.0124, 0.2941, 0.3431)

Conversions

Conversions Part 1

Format	Color
Hex	98B8AE
RGB	152, 184, 174
RGB Percent	60%, 72%, 68%
CMY	0.4039, 0.2784, 0.3177
CMYK	0.17, 0.00, 0.05, 0.28
HSL	161°, 18%, 66%
HSV	161°, 17%, 72%
XYZ	37.7267, 44.0124, 46.5395
YIQ	173.2920, -15.8620, -9.8940

Conversions

Conversions Part 2

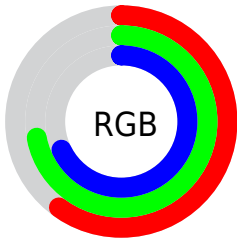
Format	Color
RYB	152, 171, 184
Decimal	10008750
CIELab	72.24, -12.87, 1.48
CIELCh	72, 12.958, 173.454
Yxy	44.0124, 0.2941, 0.3431
Android (android.graphics.Color)	4288198830 (0xFF98B8AE)
YUV	173.2920, 0.3490, -18.6731
Hunter-Lab	66.3418, -14.5903, 4.8467

Details

The Yxy color **44.0124, 0.2941, 0.3431** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **35.2558, 0.3356, 0.3154**, and the grayscale version is **41.9500, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2427, 0.2980, 0.3409**, and **20.4044, 0.2888, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **42.1543, 0.2841, 0.3523**, and if you desaturate by 10%, it is **46.1592, 0.3047, 0.3347**.

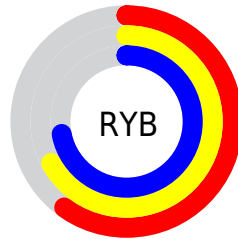
Distribution



Red (60%)

Green (72%)

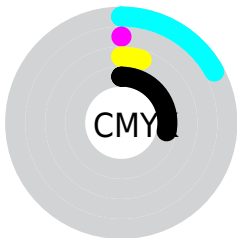
Blue (68%)



Red (60%)

Yellow (67%)

Blue (72%)

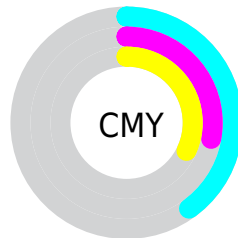


Cyan (17%)

Magenta (0%)

Yellow (5%)

Black (28%)



Cyan (40%)


Magenta (28%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0124, 0.2941, 0.3431 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 44.0124, 0.2941, 0.3431 by changing the saturation by 10% instead.


 44.0124, 0.2941,
0.3431

 44.0124, 0.2941,
0.3431

362.7589, 0.3035,
0.3359

 30.6803, 0.2917,
0.3449


 81.2364, 0.2976,
0.3405

 20.3555, 0.2886,
0.3473


 105.8971, 0.2988,
0.3395

 12.6537, 0.2845,
0.3505

135.1027, 0.2999,
0.3387

 7.1905, 0.2786,
0.3551

169.2376, 0.3009,
0.3380

 3.5815, 0.2696,
0.3621

208.6863, 0.3017,
0.3374

 1.4424, 0.2543,
0.3742

253.8332, 0.3024,

 0.2476, 0.0000,

0.3368

0.5982

305.0626, 0.3030,
0.3364

0.0000, 0.0000,
0.0000

44.0124, 0.2941,
0.3431

44.0124, 0.2941,
0.3431

42.1543, 0.2841,
0.3523

46.1592, 0.3047,
0.3347

40.5667, 0.2751,
0.3623

48.6013, 0.3156,
0.3271

39.2377, 0.2672,
0.3730

51.3516, 0.3266,
0.3203

38.1522, 0.2608,
0.3842

54.4210, 0.3376,
0.3143

37.2936, 0.2561,
0.3959

57.8195, 0.3485,
0.3090

■ 36.6433, 0.2534,
0.4078

■ 60.1262, 0.3528,
0.3038

■ 36.1793, 0.2526,
0.4197

■ 60.4162, 0.3480,
0.2980

■ 35.8698, 0.2536,
0.4314

■ 60.7166, 0.3432,
0.2922

■ 35.7998, 0.2540,
0.4345

■ 61.0275, 0.3385,
0.2866

Harmonies

Analogous

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



44.0124, 0.3117, 0.3564



44.0124, 0.2941, 0.3431



44.0124, 0.2817, 0.3260

Triad

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



44.0124, 0.2941, 0.3431



44.0124, 0.2951, 0.2981



44.0124, 0.3493, 0.3460

Complementary

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



44.0124, 0.2941, 0.3431



35.2558, 0.3356, 0.3154

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.



44.0124, 0.3447, 0.3307



44.0124, 0.2941, 0.3431



44.0124, 0.3129, 0.3036

Square

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



44.0124, 0.2941, 0.3431



44.0124, 0.2822, 0.3004



44.0124, 0.3312, 0.3153



44.0124, 0.3438, 0.3576

Rectangle

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



44.0124, 0.2941, 0.3431



44.0124, 0.2778, 0.3151



44.0124, 0.3312, 0.3153



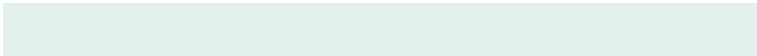
44.0124, 0.3489, 0.3412

Sweetspot

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



44.0142, 0.2941, 0.3431



84.6440, 0.3072, 0.3329



44.2463, 0.3192, 0.3742



18.1835, 0.3064, 0.3334



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.



44.0142, 0.2941, 0.3431



78.3870, 0.2901, 0.3467



42.0320, 0.2865, 0.3207



10.1614, 0.3026, 0.3363



24.6839, 0.2536, 0.4330



0.8808, 0.2452, 0.4028

Inverse Universe

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



35.2558, 0.3356, 0.3154



59.4386, 0.3420, 0.3121



36.8656, 0.3442, 0.3372



9.0573, 0.3240, 0.3219



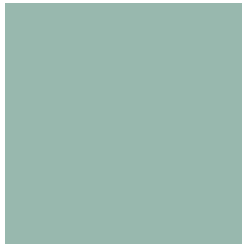
7.2426, 0.5682, 0.2904



0.2668, 0.4933, 0.2491

Previews

White Background



This preview shows how the Yxy color 44.0124, 0.2941, 0.3431 looks on a white background.

Color Contrast Check

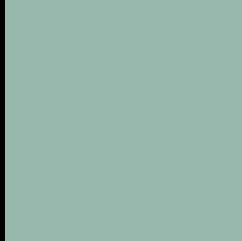
Large Text (above 18pt) WCAG AA × Fail

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 44.0124, 0.2941, 0.3431 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

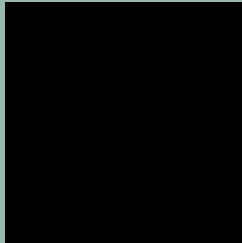
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

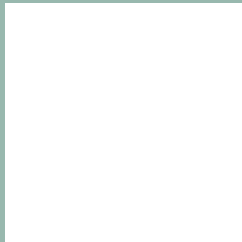
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.0124, 0.2941, 0.3431

Background



This preview shows how black text looks on a background with the Yxy color 44.0124, 0.2941, 0.3431.



This preview shows how white text looks on a background with the Yxy color 44.0124, 0.2941, 0.3431.

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

44.0124, 0.2941, 0.3431

Protanopia

43.8603, 0.3238, 0.3384

Deuteranopia

43.7695, 0.3285, 0.3214



Tritanopia

44.0558, 0.2820, 0.3099

Trichromacy



Original Color

44.0124, 0.2941, 0.3431

Protanomaly

43.8384, 0.3122, 0.3399

Deuteranomaly

43.7690, 0.3154, 0.3290

Tritanomaly

44.0123, 0.2869, 0.3220

Monochromacy



Original Color

44.0124, 0.2941, 0.3431

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 44.0124, 0.2941, 0.3431 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(152, 184, 174)` looks like.

```
.text, #text, p{  
    color:rgb(152, 184, 174)  
}
```

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(152, 184, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 184, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.0124, 0.2941, 0.3431 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(152, 184, 174) }
```

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

```
.border{ border-color:rgb(152, 184, 174) }
```

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

Here you see how a box with a 4 pixel rgb(152, 184, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 184, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 184, 174);  
box-shadow:4px 4px 4px 4px rgb(152, 184,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0124, 0.2941, 0.3431 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 184, 174) }
```

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

```
.background{ background-color: rgb(152,  
184, 174) }
```

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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