

Converting Colors

$Y_{xy}(44.0623, 0.2859, 0.3472)$

Have a look what the booklet for
Yxy(44.0623, 0.2859, 0.3472)
contains.

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Color

Yxy(44.2594, 0.2858, 0.3476)

Conversions

Conversions Part 1

Format	Color
Hex	8DBBAE
RGB	141, 187, 174
RGB Percent	55%, 73%, 68%
CMY	0.4472, 0.2666, 0.3176
CMYK	0.25, 0.00, 0.07, 0.27
HSL	163°, 25%, 64%
HSV	163°, 25%, 73%
XYZ	36.3905, 44.2594, 46.6786
YIQ	171.7640, -23.2430, -13.7950

Conversions

Conversions Part 2

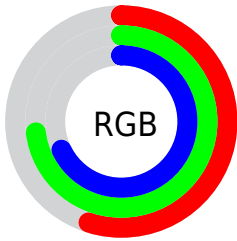
Format	Color
RYB	141, 168, 187
Decimal	9288622
CIELab	72.40, -17.97, 1.61
CIELCh	72, 18.046, 174.877
Yxy	44.2594, 0.2858, 0.3476
Android (android.graphics.Color)	4287478702 (0xFF8DBBAE)
YUV	171.7640, 1.1023, -26.9800
Hunter-Lab	66.5277, -18.7845, 4.9691

Details

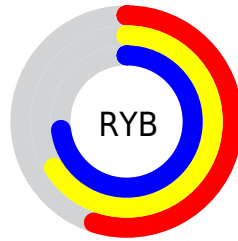
The Yxy color **44.2594, 0.2858, 0.3476** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **31.9345, 0.3493, 0.3112**, and the grayscale version is **41.1298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.3604, 0.2908, 0.3444**, and **20.5792, 0.2773, 0.3532** is the 20% darker color. If you saturate the color by 10%, you get **42.5568, 0.2761, 0.3564**, and if you desaturate by 10%, it is **46.2505, 0.2963, 0.3395**.

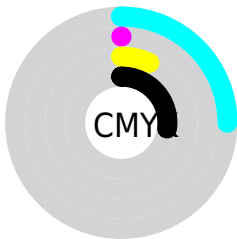
Distribution



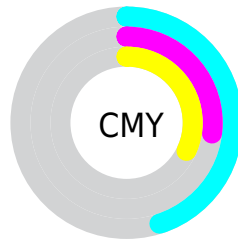
- Red (55%)
- Green (73%)
- Blue (68%)



- Red (55%)
- Yellow (66%)
- Blue (73%)



- Cyan (25%)
- Magenta (0%)
- Yellow (7%)
- Black (27%)




- Cyan (45%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.2594, 0.2858, 0.3476 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 44.2594, 0.2858, 0.3476 by changing the saturation by 10% instead.


 44.2594, 0.2858,
0.3476

 44.2594, 0.2858,
0.3476


363.7658, 0.2994,
0.3382

 30.8745, 0.2824,
0.3500


 81.6079, 0.2908,
0.3441

 20.5033, 0.2779,
0.3531


 106.3403, 0.2926,
0.3428

 12.7614, 0.2720,
0.3573

 135.6241, 0.2942,
0.3418

 7.2645, 0.2635,
0.3633

169.8434, 0.2955,
0.3408

 3.6280, 0.2508,
0.3725

209.3829, 0.2967,
0.3400

 1.4677, 0.2292,
0.3883

254.6269, 0.2977,

 0.2659, 0.0000,

0.3393

0.6006

305.9597, 0.2986,
0.3387

0.0000, 0.0000,
0.0000

44.2594, 0.2858,
0.3476

44.2594, 0.2858,
0.3476

42.5568, 0.2761,
0.3564

46.2505, 0.2963,
0.3395

41.1232, 0.2676,
0.3658

48.5377, 0.3075,
0.3322

39.9453, 0.2605,
0.3757

51.1349, 0.3189,
0.3255

39.0063, 0.2550,
0.3860

54.0538, 0.3304,
0.3196

38.2875, 0.2515,
0.3966

57.3050, 0.3419,
0.3144

■ 37.7672, 0.2499,
0.4072

■ 60.8992, 0.3532,
0.3097

■ 37.4192, 0.2503,
0.4177

■ 61.5061, 0.3503,
0.3045

■ 37.2740, 0.2509,
0.4233

■ 61.7750, 0.3460,
0.2992

■ 62.0527, 0.3417,
0.2939

Harmonies

Analogous

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



44.2594, 0.3098, 0.3669



44.2594, 0.2858, 0.3476



44.2594, 0.2694, 0.3233

Triad

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



44.2594, 0.2858, 0.3476



44.2594, 0.2892, 0.2868



44.2594, 0.3638, 0.3531

Complementary

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



44.2594, 0.2858, 0.3476



31.9345, 0.3493, 0.3112

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.



44.2594, 0.3580, 0.3320



44.2594, 0.2858, 0.3476



44.2594, 0.3140, 0.2948

Square

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



44.2594, 0.2858, 0.3476



44.2594, 0.2713, 0.2890



44.2594, 0.3395, 0.3110



44.2594, 0.3552, 0.3690

Rectangle

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



44.2594, 0.2858, 0.3476



44.2594, 0.2645, 0.3083



44.2594, 0.3395, 0.3110



44.2594, 0.3634, 0.3463

Sweetspot

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



44.2612, 0.2858, 0.3476



85.8495, 0.3046, 0.3339



44.3379, 0.3203, 0.3956



18.8496, 0.3040, 0.3344



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.2612, 0.2858, 0.3476



77.4124, 0.2800, 0.3527



40.7045, 0.2758, 0.3146



10.7624, 0.3021, 0.3356



25.6914, 0.2506, 0.4221



1.0170, 0.2436, 0.3970

Inverse Universe

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



31.9345, 0.3493, 0.3112



51.2329, 0.3611, 0.3068



34.6003, 0.3603, 0.3429



9.5794, 0.3245, 0.3225



7.4656, 0.5796, 0.2967



0.3041, 0.5091, 0.2578

Previews

White Background



This preview shows how the Yxy color 44.2594, 0.2858, 0.3476 looks on a white background.

Color Contrast Check

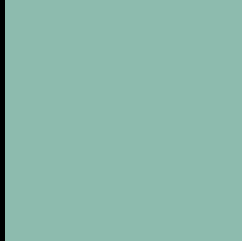
Large Text (above 18pt) WCAG AA × Fail

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 44.2594, 0.2858, 0.3476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

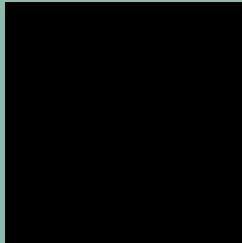
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2594, 0.2858, 0.3476

Background



This preview shows how black text looks on a background with the Yxy color 44.2594, 0.2858, 0.3476.

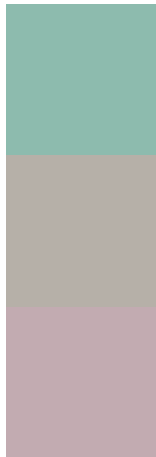


This preview shows how white text looks on a background with the Yxy color 44.2594, 0.2858, 0.3476.

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

44.2594, 0.2858, 0.3476

Protanopia

43.8229, 0.3247, 0.3397

Deuteranopia

43.7695, 0.3285, 0.3214



Tritanopia

44.0552, 0.2728, 0.3083

Trichromacy



Original Color

44.2594, 0.2858, 0.3476

Protanomaly

43.7603, 0.3095, 0.3428

Deuteranomaly

43.6928, 0.3118, 0.3303

Tritanomaly

43.8844, 0.2775, 0.3219

Monochromacy



Original Color

44.2594, 0.2858, 0.3476

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

42.0385, 0.3021, 0.3346

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2594, 0.2858, 0.3476 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(141, 187, 174)` looks like.

```
.text, #text, p{  
    color:rgb(141, 187, 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(141, 187, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 187, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.2594, 0.2858, 0.3476 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(141, 187, 174) }
```

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

```
.border{ border-color:rgb(141, 187, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 187, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 187, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 187, 174);  
box-shadow:4px 4px 4px 4px rgb(141, 187,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2594, 0.2858, 0.3476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 187, 174) }
```

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

```
.background{ background-color: rgb(141,  
187, 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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